



## Working in larger model animal species? Biorbyt has the antibodies for you

In recent years, we have made substantial progress to embrace the 3R's (Replacement, Reduction and Refinement) with respect to numbers of animals used in basic research. It is therefore even more important to ensure that you select the right animal model when your work enters the translational phase and moves away from *in vitro* or rodent models into large animals more analogous to Humans in size, lifespan, physiology, anatomy and disease states.

A variety of species are now coming to the fore in this area, including Pigs, Dogs and Cows, each with their own advantages. One problem facing researchers moving into larger animal models however is the availability of reagents specific to these species. The majority of antibodies have historically been raised against the more common rodent animal model species, but Biorbyt is working to address this. We are now able to offer a variety of antibodies targeted to larger animal species. If you can't find the target and species you're looking for listed here, please do contact us to check if we have it or search online at [www.biorbyt.com](http://www.biorbyt.com)

### Research Products

Target	Host	Species	Clone	Application	Catalogue Number
Goat anti Swine haptoglobin	Goat	Swine	Polyclonal	IP	orb21972
Mouse anti Cardiotin	Mouse	Canine   Feline   Caprine   Hamster   Human   Monkey   Mouse   Rabbit   Rat   Xenopus   Zebrafish	R2G	IHC-Fr   IHC-P   WB	orb98223
Mouse anti Basal cell Cytokeratin	Mouse	Canine   Chicken   Guinea Pig   Hamster   Human   Quail   Rabbit   Rat   Zebrafish   Swine	RCK103	FACS   ICC   IHC-Fr   WB	orb98233
Mouse anti Cytokeratin 4 / Keratin K4	Mouse	Canine   Feline   Human   Zebrafish	6B10	FACS   ICC   WB	orb98235
Mouse anti Cytokeratin 5 + 8 / Keratin K5 + K8	Mouse	Canine   Feline   Hamster   Human   Mouse   Rabbit   Rat   Swine	RCK102	FACS   ICC   IHC-Fr   IHC-P   WB	orb98237
Mouse anti Cytokeratin 7 / Keratin K7	Mouse	Canine   Feline   Caprine   Hamster   Human   Mouse   Rat   Zebrafish	RCK105	FACS   ICC   IHC-Fr   WB	orb98239
Mouse anti Cytokeratin 10 / Keratin K10	Mouse	Canine   Human   Mouse   Rat   Swine   Zebrafish	RKSE60	FACS   ICC   IHC-Fr   WB	orb98247
Mouse anti Cytokeratin 10 / Keratin K10	Mouse	Canine   Feline   Human	DE-K10	FACS   ICC   IHC-Fr   IHC-P   WB	orb98249
Mouse anti Cytokeratin 10+13 / Keratin K10+K13	Mouse	Feline   Human   Zebrafish   Canine	DE-K13	IHC-Fr   IHC-P   WB	orb98251
Mouse anti Cytokeratin 14 / Keratin K14	Mouse	Canine   Human   Rat   Swine	RCK107	FACS   ICC   IHC-Fr   WB	orb98255
Mouse anti Cytokeratin 14	Mouse	Feline   Human   Swine   Canine	SPK-14	FACS   ICC   IHC-Fr   WB	orb98257
Mouse anti Cytokeratin 18 / Keratin K18	Mouse	Canine   Chicken   Hamster   Human   Mouse   Rabbit   Rat   Swine   Zebrafish	RGE53	FACS   ICC   IHC-Fr   WB	orb98259
Mouse anti Cytokeratin 18 / Keratin K18	Mouse	Canine   Feline   Human   Zebrafish	DE-K18	FACS   ICC   IHC-Fr   IHC-P   WB	orb98263
Mouse anti Collagen Type IV	Mouse	Bovine   Human   Swine	1043	FACS   IHC-Fr   IHC-P   WB	orb98271
Rabbit anti Collagen IV	Rabbit	Bovine   Human   Rat   Swine	Polyclonal	ICC   IHC-Fr   IHC-P   WB	orb98273
Mouse anti Cytokeratin 13	Mouse	Bovine   Human   Rat	Ks13.1	IHC-Fr   IHC-P   WB	orb98274
Mouse anti Cytokeratin 2e	Mouse	Bovine   Human   Mouse   Rat	Ks2.342.7.1	IHC-Fr   IHC-P   IP   WB	orb98276
Mouse anti Desmin	Mouse	Canine   Chicken   Hamster   Human   Mouse   Rabbit   Rat   Swine   Zebrafish	RD301	IHC-Fr   ICC   WB	orb98296
Rabbit anti Desmin K5	Rabbit	Bovine   Chicken   Caprine   Hamster   Human   Mouse   Rat   Zebrafish	Polyclonal	IHC-Fr   IHC-P   WB	orb98300

Available in Canada from...



Target	Host	Species	Clone	Application	Catalogue Number
Rat anti Heparan Sulphate Proteoglycan	Rat	Bovine   Human   Mouse   Rat   Cod   Wolfish	A7L6	ICC   IHC-Fr   IHC-P   IP   WB	orb98335
Mouse anti Integrin alpha 3A	Mouse	Human   Canine	158A3	ICC   IHC-Fr   WB	orb98339
Mouse anti Integrin beta 1D	Mouse	Canine   Human   Mouse   Swine	2B1	ICC   IHC-Fr   WB	orb98349
Mouse anti Lamin A, conjugated to FITC	Mouse	Bovine   Dog   Human   Mouse   Rat	133A2	FACS   ICC   IHC-Fr	orb318755
Mouse anti Lamin A	Mouse	Bovine   Canine   Human   Mouse   Rat	133A2	FACS   ICC   IHC-Fr   IHC-P   WB	orb98360
Mouse anti Lamin A and C, conjugated to FITC	Mouse	Bovine   Dog   Hamster   Human   Mouse   Rat   Sheep	131C3	FACS   ICC   IHC-Fr	orb318756
Mouse anti Lamin A and C	Mouse	Bovine   Canine   Hamster   Human   Mouse   Rat   Sheep	131C3	FACS   ICC   IHC-Fr   WB	orb98362
Mouse anti Lamin B1	Mouse	Bovine   Canine   Human   Mouse   Rabbit   Rat   Sheep   Zebrafish	119D5-F1	FACS   ICC   WB   IHC-Fr   ELISA	orb98364
Mouse anti Neurofilament 200 kD	Mouse	Bovine   Canine   Chicken   Guinea Pig   Human   Monkey   Mouse   Rabbit   Rat   Sheep   Xenopus	RNF404	IHC-Fr   IHC-P   WB	orb98401
Mouse anti Neurofilament 200 kD	Mouse	Bovine   Canine   Chicken   Guinea Pig   Hamster   Human   Monkey   Mouse   Rabbit   Rat   Sheep   Xenopus	RNF402	IHC-Fr   IHC-P   WB   ICC	orb98403
Mouse anti Neurofilament 200 kD	Mouse	Bovine   Canine   Chicken   Guinea Pig   Hamster   Human   Monkey   Mouse   Rabbit   Rat   Sheep   Xenopus   Zebrafish	RNF405	IHC-Fr   IHC-P   WB	orb98405
Mouse anti Plakophilin-3	Mouse	Canine   Human   Mouse   Swine	12B11F8	ICC   IHC-Fr   IP   WB	orb98431
Mouse anti Plakophilin-3	Mouse	Canine   Human   Mouse	23E3/4	IHC-Fr   IHC-P   IP   WB	orb98433
Mouse anti Smoothelin	Mouse	Canine   Chicken   Feline   Human   Monkey   Swine	R4A	IHC-Fr   IHC-P   WB   ICC	orb98440
Mouse anti Vimentin, conjugated with FITC	Mouse	Canine   Chicken   Caprine   Hamster   Human   Monkey   Mouse   Rat   Swine   Zebrafish   Xenopus	RV202	FACS   ICC   IHC-Fr	orb98455
Mouse anti Vimentin, conjugated with HRP	Mouse	Canine   Chicken   Caprine   Hamster   Human   Monkey   Mouse   Rat   Swine   Zebrafish   Xenopus	RV202	FACS   ICC   IHC-Fr	orb98456
Mouse anti Vimentin	Mouse	Canine   Chicken   Caprine   Hamster   Human   Monkey   Mouse   Rat   Swine   Zebrafish   Xenopus	RV202	FACS   ICC   IHC-Fr   IHC-P   WB	orb98457
Mouse anti Vimentin	Mouse	Canine   Caprine   Hamster   Human   Rat   Swine	RV203	FACS   ICC   IHC-Fr   IHC-P   WB	orb98459
Mouse anti Human NGF (Nerve Growth Factor)	Mouse	Human   Mouse   Bovine   Viper	AS18	Neutralization   Enzyme Immunoassay   IP	orb108585
Mouse anti Human Nerve Growth Factor (NGF), conjugated with Biotin	Mouse	Human   Mouse   Bovine   Viper	AS18	Enzyme Immunoassay	orb108587
Mouse anti Human Nerve Growth Factor (NGF) (Neutralizing)	Mouse	Human   Mouse   Bovine   Viper	AS21	Neutralization   Enzyme Immunoassay	orb108588
Mouse anti Human Nerve Growth Factor (NGF) (Neutralizing)	Mouse	Human   Mouse   Bovine   Viper	AS22	Enzyme Immunoassay	orb108589
Rabbit anti Human Protein Phosphatase 1 gamma 1	Rabbit	Human   Mouse   Rat   Bovine	N/A	WB   IP	orb108620
Mouse anti Human Insulin	Mouse	Human   Bovine   Porcine	E2E3	ELISA   IHC   WB	orb109013
Mouse anti Human 14-3-3 theta/tau	Mouse	Human   Mouse   Rat   Bovine	3B9	Enzyme Immunoassay   WB	orb108665
Mouse anti Human Calpain I, II (small subunit)	Mouse	Human   Bovine	28F3	WB   IP   Enzyme Immunoassay	orb108667
Mouse anti Human Calpain I (large subunit, p80)	Mouse	Human   Mouse   Rat   Bovine	15C10	WB   IP   Enzyme Immunoassay	orb108668
Mouse anti Human NSF	Mouse	Human   Mouse   Rat   Bovine   Chicken	NSF-1	WB   IP   Enzyme Immunoassay	orb108669
Mouse anti Human SNAP	Mouse	Human   Rat   Bovine   Chicken	16D1	WB	orb108683
Mouse anti Human SNAP	Mouse	Human   Rat   Bovine	4E4	WB   IP	orb108684
Mouse anti Human SNAP	Mouse	Human   Rat   Bovine	15D4	WB   IP   Enzyme Immunoassay	orb108685
Mouse anti Goat / Sheep IgG, conjugated with HRP	Mouse	Goat   Sheep   Bovine	GT-34	WB   ELISA	orb108780
Mouse anti Human p34 cdc-2 nuclear protein	Mouse	Human   Bovine   Xenopus   Mouse   Rat	POH-1	IHC-P   ICC   WB   IP	orb108790
Mouse anti Human Dihydrodiol Dehydrogenase	Mouse	Human   Mouse   Porcine (most mammalian species)	T101	IHC   IF   Enzyme Immunoassay	orb108803
Mouse anti Human Prostaglandin-E2 receptor EP2	Mouse	Rat   Bovine   Human	3E6	WB	orb108836
Mouse anti Human Prostaglandin-E2 receptor EP3	Mouse	Rat   Bovine   Human	5F5	WB	orb108837
Mouse anti Human Cytokeratin	Mouse	Canine   Chicken   Caprine   Hamster   Human   Monkey   Mouse   Rat   Swine   Zebrafish   Xenopus	RCK103	WB   ICC   IHC   FACS	orb108940
Mouse anti Human Cytokeratin 7	Mouse	Human   Mouse   Rat   Hamster   Canine   Swine   Feline	RCK105	WB   ICC   IHC   FACS	orb108942