

Monoclonal Antibodies for Veterinary Research



More than **40 years** of **expertise** supporting animal health



Since **1985**, Gold Standard Diagnostics has **developed** and **supplied** high-quality **monoclonal antibodies** worldwide for veterinary research, vaccine development and diagnostic applications, supported by peer-reviewed scientific publications

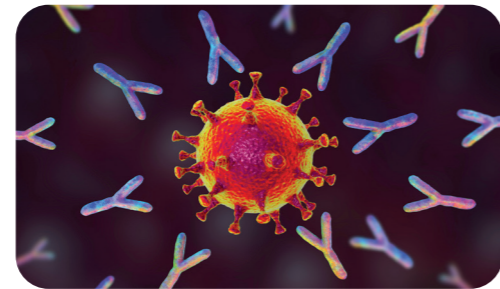


With more than **700** proprietary monoclonal antibodies developed against over **100 specific antigens**, we cover a broad range of animal pathogens and host targets, combining off-the-shelf products with a strong customised R&D service

Veterinary Targets

Viruses

- ADE** – Adenovirus
ADV – Aujeszky's Disease Virus (Pseudorabies Virus)
AHSV – African Horse Sickness Virus
APV – Avian Pneumovirus
ASFV – African Swine Fever Virus
BHV – Bovine Herpesvirus (BHV-1)
BLV – Bovine Leukemia Virus
BRSV – Bovine Respiratory Syncytial Virus
BTV – Bluetongue Virus
BVD – Bovine Viral Diarrhea Virus
CCHFV – Crimean-Congo Hemorrhagic Fever Virus
CDV – Canine Distemper Virus
CPV – Canine Parvovirus
CSFV – Classical Swine Fever Virus
EHDV – Epizootic Hemorrhagic Disease Virus
FCaV – Feline Calicivirus
FCoV – Feline Coronavirus
FeLV – Feline Leukemia Virus
FECV – Feline Enteric Coronavirus
FIPV – Feline Infectious Peritonitis Virus
- FLU** – Influenza Virus
FMD – Foot-and-Mouth Disease Virus
IBDV – Infectious Bursal Disease Virus
NCDV – Neonatal Calf Diarrhea Virus (Rotavirus A)
PCV – Porcine Circovirus
PEDV – Porcine Epidemic Diarrhea Virus
PPRV – Peste des Petits Ruminants Virus
PPV – Porcine Parvovirus
PRCV – Porcine Respiratory Coronavirus
PRRSV – Porcine Reproductive and Respiratory Syndrome Virus
RHDV – Rabbit Hemorrhagic Disease Virus
ROTAVIRUS – Rotavirus
RVFV – Rift Valley Fever Virus
SBV – Schmallenberg Virus
TGEV – Transmissible Gastroenteritis Virus
TRTV – Turkey Rhinotracheitis Virus
(TRTV-B, TRT-C)
WNV – West Nile Virus



Bacteria

- BRU** – *Brucella* spp.
EHRlichial B – *Ehrlichia* spp. (bacterial)
TB – *Mycobacterium bovis* (Tuberculosis)
MHYO – *Mycoplasma hyopneumoniae*

Other

- BB** – *Besnoitia besnoiti* (protozoan parasite)
PrP – Prion Protein
PAG – Pregnancy-Associated Glycoprotein (host protein)
anti-GST – Anti-Glutathione S-Transferase antibody

Anti-Immunoglobulin Antibodies

- anti-IgG** (for avian, bovine, canine, equine, feline, porcine, ruminants)
anti-IgM (for canine, equine, porcine, ruminants)

Catalog Antibodies

A selected group of monoclonal antibodies is regularly supplied as catalogue products, in purified format (1 mg).

Monoclonal antibodies

Disease/Pathogen	Species	Clone	Product Description	Article No.
AHSV (African Horse Sickness Virus)	Equine	10AE12	mAb anti AHSV (vp5) (purified app. 1mg/ml)	M.14.AHS.I10AE12
		10AH10	mAb anti AHSV (vp7) (purified app. 1mg/ml)	M.14.AHS.I10AH10
		SMAA	mAb anti AHSV (vp2-VI) (purified app. 1mg/ml)	M.14.AHS.ISMAA
ASFV (African Swine Fever Virus)	Porcine	17AH2	mAb anti ASFV (vp220/150) (purified app. 1mg/ml)	M.11.PPA.I17AH2
		18BB11	mAb anti ASFV (vp12) (purified app. 1mg/ml)	M.11.PPA.I18BB11
		18BG3	mAb anti ASFV (vp72) (purified app. 1mg/ml)	M.11.PPA.I18BG3
		18BG3	mAb anti ASFV (vp72) 18BG3 Fluorescein mAb	S.11.PPA.J04025y
ASFV (African Swine Fever Virus)	Porcine	18BG3	mAb anti ASFV (vp72) 18BG3 Fluorescein mAb	S.11.PPA.J04025y
		1BC11	mAb anti ASFV (vp72) (purified app. 1mg/ml)	M.11.PPA.I1BC11
BTV (Bluetongue virus)	Ruminant	2E9	mAb anti BTV (vp7) (purified app. 1mg/ml)	M.12.BTV.I2E9
CDV (Canine Distemper Virus)	Canine	DG3	mAb anti CDV (N) (purified app. 1mg/ml)	M.15.CDV.IDG3
Coronavirus:TGEV,PRCV,CCoV,FECV,FIPV	Multispecies	6AC3	mAb anti Coronavirus:TGEV,PRCV,CCoV,FECV,FIPV (S) (purified app. 1mg/ml)	M.11.TGE.I6AC3
CPV (Canine Parvovirus)	Canine	5F8	mAb anti CPV (vp1, vp2) (purified app. 1mg/ml)	M.15.CPV.I5F8
Feline Calicivirus	Feline	51CO9	mAb anti Feline Calicivirus (vp62) (purified app. 1mg/ml)	M.16.FCa.I51CO9
FeLV (Feline Leukemia Virus)	Feline	1A4	mAb anti FeLV (vp27) (purified app. 1mg/ml)	M.16.FLV.I1A4
		2AE1	mAb anti FeLV (gp70) (purified app. 1mg/ml)	M.16.FLV.I2AE1
Human IgE	Human	E21A11	mAb anti Human IgE (purified app. 1mg/ml)	M.30.IGE.IE21A11
IBDV (Infectious Bursal Disease Virus)	Birds	17G2	mAb anti IBDV (VPX) (purified app. 1mg/ml)	M.18.IBD.I17G2
IBRV gE (Infectious bovine rhinotracheitis virus)	Ruminant	1CH6	mAb anti IBRV gB (purified app. 1mg/ml)	M.12.IBR.I1CH6
		3BA7	mAb anti IBRV gE (purified app. 1mg/ml)	M.12.IBR.I3BA7
IgG Bovine	Bovine	EC10	mAb anti IgG Bovine (purified app. 1mg/ml)	M.12.000.IEC10
IgG Canine	Canine	1BH4	mAb anti IgG Canine (purified app. 1mg/ml)	M.15.000.I1BH4
IgG Equine	Equine	1DA6	mAb anti IgG Equine (purified app. 1mg/ml)	M.14.000.I1DA6
IgG Feline	Feline	2BB9	mAb anti IgG Feline (purified app. 1mg/ml)	M.16.000.I2BB9
IgG Porcine	Porcine	1BH7	mAb anti IgG Porcine (purified app. 1mg/ml)	M.11.000.I1BH7
IgG Ruminants	Ruminant	EG5	mAb anti IgG Ruminants (purified app. 1mg/ml)	M.12.000.IEG5
IgM Canine	Canine	1AB4	mAb anti IgM Canine (purified app. 1mg/ml)	M.15.000.I1AB4
Influenza A	Multispecies	3DH6	mAb anti Influenza A (N) (purified app. 1mg/ml)	M.10.FLU.I3DH6
Parvovirus CPV/FPV	Canine	3C9	mAb anti Parvovirus CPV/FPV (vp1, vp2) (purified app. 1mg/ml)	M.15.CPV.I3C9
PCV2 (Porcine Circovirus 2)	Porcine	36A9	mAb anti PCV2 (vp2) (purified app. 1mg/ml)	M.11.PCV.I36A9
PPV (Porcine Parvovirus)	Porcine	MEZCLA	mAb anti PPV (vp2) (purified app. 1mg/ml)	M.11.PPV.IMEZCLA
PRRSV (Porcine Reproductive and Respiratory Syndrome)	Porcine	11E10	mAb anti PRRSV (M) (purified app. 1mg/ml)	M.11.PRS.I11E10
		1AC7	mAb anti PRRSV (N) (purified app. 1mg/ml)	M.11.PRS.I1AC7
		3AH9	mAb anti PRRSV (gp5) (purified app. 1mg/ml)	M.11.PRS.I3AH9
		AC12	mAb anti PRRSV (N American /ORF7) (purified app. 1mg/ml)	M.11.PRS.IAC12
		1CH5	mAb anti PRRSV (N European/ORF7) (purified app. 1mg/ml)	M.11.PRS.I1CH5
Rotavirus	Multispecies	1JF10	mAb anti Rotavirus (vp43) (purified app. 1mg/ml)	M.10.RT*.I1JF10
RVFV (Rift Valley Fever Virus)	Ruminant	F1D11	mAb anti RVFV (N) (purified app. 1mg/ml)	M.13.FVR.IF1D11
SBV (Schmallenberg virus)	Ruminant	3G7B	mAb anti SBV (N) (purified app. 1mg/ml)	M.13.SBV.I3G7B
TGEV (Transmissible Gastroenteritis virus)	Porcine	I6AA6	mAb anti TGEV (Sc) (purified app. 1mg/ml)	M.11.TGE.I6AA6
TRTV (Turkey Rhinotracheitis, avian metapneumovirus)	Birds	I5C2	mAb anti TRTV (P) (purified app. 1mg/ml)	M.18.TRT.I5C2
		I7D3	mAb anti TRTV (N) (purified app. 1mg/ml)	M.18.TRT.I7D3



Custom Antibody Development & R&D Services

Beyond our catalogue, we offer a **much broader antibody portfolio as a customised R&D service model**, maintaining the flexibility to deliver research-focused antibodies, alternative clones and tailored solutions when needed.

This is supported by our in-house R&D team, owning complete infrastructure for mAb development and production, as well as proprietary hybridoma collection.

Our R&D services include

- Development of **new monoclonal antibodies** against veterinary/other antigens
- Antibody production, **characterisation, labelling, in different scales**
- Access to **existing proprietary clones, not listed in the catalogue**
- **Licensing and co-development**, supporting vaccine and diagnostic kit production



Do not hesitate to contact our team for more information:
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