



11-354-C100

Monoclonal Antibody to CD9 (bovine) Purified Antibody (0.1 mg)

Clone:	IVA50
Isotype:	Mouse IgG2
Specificity:	The antibody IVA50 reacts with CD9 antigen (bovine), a 24 kDa single transmembrane polypeptide expressed on platelets, monocytes, pre-B lymphocytes, granulocytes and activated T lymphocytes. This antibody crossreacts with CD9 on human platelets.
Regulatory Status:	RUO
Immunogen:	Bovine thrombocytes.
Species Reactivity:	Human, Bovine
Application:	Flow Cytometry Immunoprecipitation Western Blotting Functional Application The antibody IVA50 activates bovine thrombocytes.
Purity:	> 95% (by SDS-PAGE)
Purification:	Purified by protein-A affinity chromatography
Concentration:	1 mg/ml
Storage Buffer:	Phosphate buffered saline with 15 mM sodium azide, pH 7.4
Storage / Stability:	Store at 2-8°C. Do not freeze. Do not use after expiration date stamped on vial label.
Expiration:	See vial label
Lot Number:	See vial label
References:	III. Workshop on Ruminant Leukocyte Antigens: *Sopp P, Howard CJ: Investigation of PC36 (BoCD45R). Vet Immunol Immunopathol. 1996 Aug;52(4):271-4. *Naessens J & Hopkins J: Proceedings of the 3rd workshop on ruminant leukocyte antigens. Davis, California, 16 July 1995. Vet Immunol Immunopathol 52:213-468 (1996). *Mateo A, Perez de la Lastra J, Moreno A, Dusinsky R, Bilka F, Simon M, Horovska L, Llanes D: Biochemical characterization of antigens detected with anti-platelet monoclonal antibodies. Vet Immunol Immunopathol. 1996 Aug;52(4):363-70. Other publications: *Naessens J, Howard CJ, Hopkins J: Nomenclature and characterization of leukocyte differentiation antigens in ruminants. Immunol Today. 1997 Aug;18(8):365-8. *Tomaskova J, Dusinsky R, Horovska L, Simon M: A set of monoclonal antibodies specific for bovine cell surface molecule CD9. Folia Biol (Praha). 1999;45(5):225-6.

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