

Mouse CD13 Monoclonal Antibody | anti-CD13 antibody

MOUSE ANTI HORSE CD13:RPE

CATALOG # AAA50197	HOST Mouse	APPLICATIONS Flow Cytometry, Functional Assay
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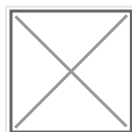
PRODUCT SYNONYMS

CD13; Monoclonal Antibody; MOUSE ANTI HORSE CD13:RPE; anti-CD13 antibody

PRODUCT SPECIFICATIONS

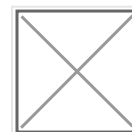
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	CVS19
Form/Format	Purified IgG conjugated to R. Phycoerythrin (RPE) - lyophilized
Applicable Applications for anti-CD13 antibody	FCM/FACS (Flow Cytometry)
Reconstitution	Reconstitute with 1.0ml distilled water
Perservative Stabilisers	0.09% Sodium Azide (NaN ₃) 1% Bovine Serum Albumin 5% Sucrose
Preparation	Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant
Immunogen	Equine leucocytes
Fusion Partners	Spleen cells from immunised mice were fused with cells of the mouse X63-Ag8.653 myeloma cell line.
Buffer Solution	Phosphate buffered saline
Target Species	Horse
Max Ex/Em	Flourophore: RPE 488nm laser Excitation Max (nm): 496 Emission Max (nm): 578
Preparation and Storage	Store at 4 degree C. DO NOT FREEZE. This product should be stored undiluted. This product is photosensitive and should be protected from light. Shelf Life: 12 months from date of reconstitution.

IMAGES



Application Data

Staining of equine peripheral blood granulocytes with Mouse anti Horse CD13:RPE(AAA50197)



Application Data

Staining of equine peripheral blood granulocytes with Mouse anti Horse CD13:FITC



Application Data

Staining of equine peripheral blood granulocytes with Mouse anti Horse CD13 followed by
Goat anti Mouse IgG:FITC

ADDITIONAL INFORMATION

Related Product Information for anti- CD13 antibody

Mouse anti Horse CD13 antibody, clone CVS19 recognizes the equine CD13 cell surface antigen, also known as Aminopeptidase N, a single-pass type II membrane protein belonging to the peptidase N family with a molecular weight of between 150 - 170kDa. CD13 is widely expressed by a range of cell types including all blood neutrophils, basophils, monocytes, fibroblasts, kidney epithelial cells, endothelial cells and mesenchymal stem cells, but not by T or B cells. It is involved in a broad spectrum of biological processes and is believed to be linked to a number of disease states including tumor invasion (Saiki et al. 1993). Mouse anti Horse CD13 antibody, clone CVS19 may be used for differentiating myeloid and lymphoid lineage cells in tumors of the haematopoietic system. In addition to clone CVS19, other CVS clones recognising equine MHC and cell surface antigens are available from AAA Biotech.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cd13-antibody-clone-cvs19-flow-cytometry-elisa/50197>