

Mouse PAN B-CELLS Monoclonal Antibody

MOUSE ANTI HORSE PAN B-CELLS

CATALOG # AAA49816	HOST Mouse	APPLICATIONS Flow Cytometry, Functional Assay, ELISA
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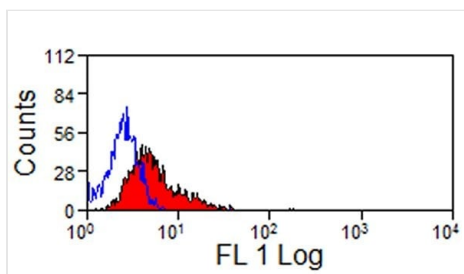
PRODUCT SYNONYMS

PAN B-CELLS; Monoclonal Antibody; MOUSE ANTI HORSE PAN B-CELLS; anti-PAN B-CELLS antibody

PRODUCT SPECIFICATIONS

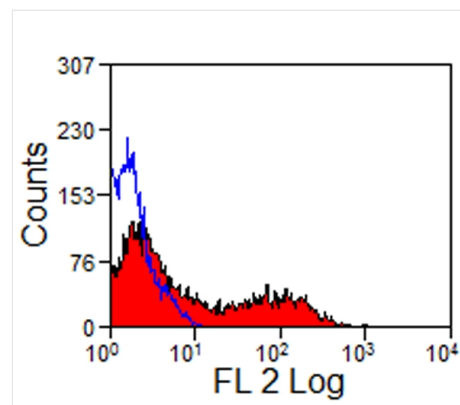
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	CVS36
Form/Format	Purified Purified IgG - liquid
Concentration	IgG concentration 1.0 mg/ml (varies by lot)
Applicable Applications for anti-PAN B-CELLS antibody	FCM/FACS (Flow Cytometry), ELISA
Perservative Stabilisers	0.09% Sodium Azide (NaN ₃) Preparation
Buffer Solution	Phosphate buffered saline
Target Species	Horse
Preparation and Storage	Store at 4 degree C or at -20 degree C if preferred. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Shelf Life: 18 months from date of despatch

IMAGES



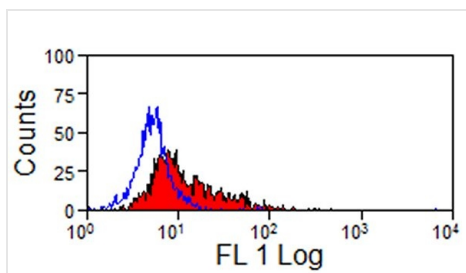
Application Data

Staining of horse peripheral blood lymphocytes with Mouse anti Horse Pan B-Cells:FITC



Application Data

Staining of horse peripheral blood lymphocytes with Mouse anti Horse Pan B-Cells:RPE



Application Data

Staining of horse peripheral blood lymphocytes with Mouse anti Horse Pan B-Cells followed by Goat anti Mouse IgG:FITC

ADDITIONAL INFORMATION

Related Product Information for anti-PAN B-CELLS antibody

Mouse anti Horse Pan B-Cells, clone CVS36 is a monoclonal antibody directed against equine Ig light chains. Characterization studies demonstrated that clone CVS36 bound 100% of CD5-ve peripheral blood lymphocytes and recognized all equine B-cells (Lunn et al. 1998). As the antigen recognized by clone CVS36 appears to be present on the surface of all equine B-cells it is therefore is a reagent that can be used as a pan B-cell marker for domestic horses (Breathnach et al. 2005). Specific anti equine reagents have yet to be fully characterized for the typically recognized B-cell makers such as CD19, CD20, CD21, CD22 and CD79. While testing has demonstrated the cross reactivity of some monoclonal B-cell markers raised against other species with equine B cells, such as the Mouse anti Human CD79a antibody, (clone HM57), an overview of which may be found in the report of the second equine leucocyte antigen workshop (Lunn et al. 1998). With specificity for equine Ig light chains, clone CVS36 may be used to detect all equine immunoglobulin classes and subclasses in ELISA applications (Lunn et al. 1998).

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/pan-b-cells-antibody-clone-cvs36-flow-cytometry-elisa/49816>