

Mouse CD52 Monoclonal Antibody | anti-CD52 antibody

MOUSE ANTI PIG CD52:FITC

CATALOG # AAA49808	HOST Mouse	APPLICATIONS Flow Cytometry, Functional Assay
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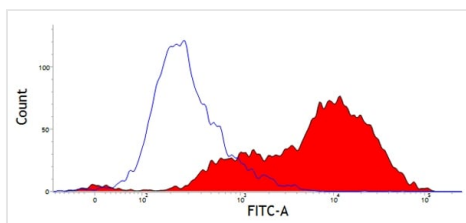
PRODUCT SYNONYMS

CD52; Monoclonal Antibody; MOUSE ANTI PIG CD52:FITC; anti-CD52 antibody

PRODUCT SPECIFICATIONS

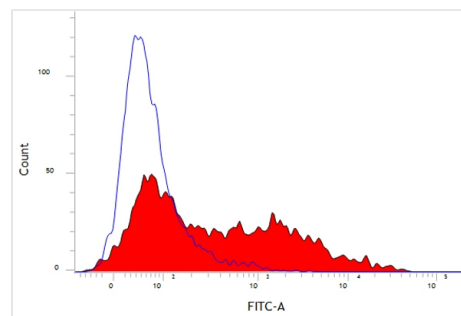
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Clone Number	11/305/44
Form/Format	FITC Purified IgG conjugated to Fluorescein Isothiocyanate Isomer 1 (FITC) - liquid
Concentration	IgG concentration 0.1 mg/ml (varies by lot)
Applicable Applications for anti-CD52 antibody	FCM/FACS (Flow Cytometry)
Perservative Stabilisers	0.09% Sodium Azide (NaN ₃) 1% Bovine Serum Albumin Preparation
Buffer Solution	Phosphate buffered saline
Target Species	Pig
Preparation and Storage	Store at 4 degree C or at -20 degree C if preferred. This product should be stored undiluted. Storage in frost free freezers is not recommended. This product is photosensitive and should be protected from light. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 18 months from date of despatch

IMAGES



Application Data

Staining of pig peripheral blood lymphocytes with Mouse anti Pig CD52 followed by Rabbit F(ab')₂ anti Mouse IgG:FITC



Application Data

Staining of pig peripheral blood lymphocytes with Mouse anti Pig CD52:FITC

ADDITIONAL INFORMATION

Related Product Information for anti-CD52 antibody	Mouse anti Pig CD52, clone 11/305/44 is a monoclonal antibody recognizing the porcine homologue of human CD52, a 19 kDa antigen expressed by mature lymphocytes, monocytes and dendritic cells.Clone 11/305/44 was originally clustered at the 1st International Swine Cluster of Differentiation Workshop held in 1992 as SWC1 (Lunney et al.1994). Further studies have demonstrated that SWC1 is the porcine orthologue CD52, which is expressed by most leucocytes including resting T-cells, monocytes and granulocytes, but is not expressed by B-cells, erythrocytes or platelets (Piriou-Guyzlack et al. 2008) & (Leitner et al. 2012). Porcine CD52, expressed at very much higher levels on monocytes than mature macrophages, and SWC9, expressed exclusively on mature tissue macrophages, have been used as markers of monocyte-macrophage differentiation (Sanchez et al. 1999) & (McCollough et al. 1999).
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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/cd52-antibody-clone-11-305-44-flow-cytometry-elisa/49808>