

Mouse SLA CLASS I Monoclonal Antibody

MOUSE ANTI PIG SLA CLASS I

CATALOG # AAA50122	HOST Mouse	APPLICATIONS Immunofluorescence, Immunoprecipitation, Flow Cytometry, Functional Assay
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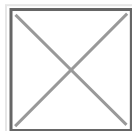
PRODUCT SYNONYMS

SLA CLASS I; Monoclonal Antibody; MOUSE ANTI PIG SLA CLASS I; anti-SLA CLASS I antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	JM1E3
Form/Format	Purified Purified IgG - liquid
Concentration	IgG concentration 1.0 mg/ml (varies by lot)
Applicable Applications for anti-SLA CLASS I antibody	IF (Immunofluorescence), IP (Immunoprecipitation), FCM/FACS (Flow Cytometry)
Perservative Stabilisers	0.09% Sodium Azide (NaN ₃) 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. 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 porcine peripheral blood lymphocytes with Mouse anti Porcine SLA 1:FITC

ADDITIONAL INFORMATION

Related Product Information for anti-SLA CLASS I antibody

Mouse anti Pig SLA Class I antibody, clone JM1E3 recognizes a monomorphic epitope expressed by porcine MHC class I molecules (SLA - 1). SLA - 1 is expressed by all nucleated porcine cells, but not on erythrocytes. This antibody has also been shown to cross-react with human MHC Class I, including HLA-E. (Galiani et al. 2002) The major histocompatibility complex (MHC) is a cluster of genes that are important in the immune response to infections. In pigs, this is referred to as the swine leukocyte antigen (SLA) region. Mouse anti pig SLA class I, clone JM1E3 has been reported to block the interaction of MHC Class I antigens with inhibitory NK cell receptors (Galiani et al. 2002).

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/sla-class-i-antibody-clone-jm1e3-immunofluorescence-immunoprecipitation-flow-cytometry-elisa/50122>