

Mouse SLA CLASS II DR Monoclonal Antibody

MOUSE ANTI PIG SLA CLASS II DR

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA50139	Mouse	Reacts with: BovineN.B. Antibody reactivity and working conditions may vary between species.	Immunoprecipitation, Flow Cytometry, Functional Assay, Immunohistochemistry

PRODUCT SYNONYMS

SLA CLASS II DR; Monoclonal Antibody; MOUSE ANTI PIG SLA CLASS II DR; anti-SLA CLASS II DR antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Reacts with: Bovine N.B. Antibody reactivity and working conditions may vary between species.
Clonality	Monoclonal
Isotype	IgG2b
Clone Number	2E9/13
Form/Format	Purified Purified IgG - liquid
Concentration	IgG concentration 1.0 mg/ml (varies by lot)
Applicable Applications for anti-SLA CLASS II DR antibody	IP (Immunoprecipitation), FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry)
Perservative Stabilisers	0.09% Sodium Azide (NaN ₃)
Preparation	Purified IgG prepared by affinity chromatography on Protein A from tissue culture supernatant
Immunogen	Porcine monocytes
Fusion Partners	Spleen cells from immunized BALB/c mice were fused with cells of the mouse myeloma cell line.
Buffer Solution	Phosphate buffered saline
Target Species	Pig
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. 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.

ADDITIONAL INFORMATION

Related Product Information for anti-SLA CLASS II DR antibody	Mouse anti Pig SLA Class II DR antibody, clone 289/13 recognizes SLA DR molecules which are expressed on all B cells, antigen presenting cells and on certain subsets of resting and activated T cells. Mouse anti Pig SLA Class II DR antibody, clone 289/13 reacts with lymphocytes from all outbred and miniature pigs so far tested, suggesting that it recognizes a monomorphic determinant of porcine SLA DR. 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. There are 3 major MHC class II proteins encoded by the SLA which are SLA DP, SLA DQ and SLA DR. Mouse anti pig SLA class II Dr, clone 2E9/13 immunoprecipitates a heterodimer composed of two polypeptides of 28 and 35kD from NP-40 extracts of biotin surface-labelled porcine peripheral blood mononuclear cells. Clone 2E9/13 is reported to inhibit the mixed lymphocyte reaction and T cell stimulation induced by African swine fever virus and staphylococcal enterotoxin B (Bullido et al. 1997).
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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/sla-class-ii-dr-antibody-clone-2e9-13-immunoprecipitation-flow-cytometry-immunohistochemistry-elisa/50139>