

Mouse SLA CLASS II DQ Monoclonal Antibody | anti-SLA Class II DQ antibody

MOUSE ANTI PIG SLA CLASS II DQ

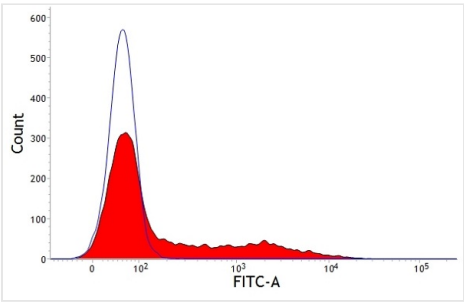
CATALOG # AAA50414	HOST Mouse	APPLICATIONS Immunohistochemistry, Immunohistochemistry, Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

SLA CLASS II DQ; Monoclonal Antibody; MOUSE ANTI PIG SLA CLASS II DQ; SLA Class II DQ antibody|K274.3G8; anti-SLA Class II DQ antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	K274.3G8
Specificity	SLA CLASS II DQ
Form/Format	Purified IgG, liquid.
Concentration	IgG concentration 1.0mg/ml (varies by lot)
Applicable Applications for anti-SLA Class II DQ antibody	IHC (Immunohistochemistry), IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry)
Species Cross-Reactivity	Bovine N.B..Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories,peer-reviewed publications or personal communications from the originators.
Immunogen	Porcine peripheral blood lymphocytes
Preservative Stabilizers	0.09% Sodium Azide (NaN ₃)
Fusion Partners	Spleen cells from immunized mice were fused with cells of the P3-X63-Ag.653 myeloma cell line
Buffer Solution	Phosphate buffered saline
Preparation	Purified IgG prepared by affinity chromatography on Protein A from tissue culture supernatant.
Target Species	Pig
Carrier Free	Yes
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.



Application Data
Staining of porcine peripheral blood lymphocytes with Mouse anti Pig SLA Class II D Q followed by Goat anti Mouse IgG (H/L):FITC .

ADDITIONAL INFORMATION

Related Product Information for anti-SLA Class II DQ antibody	Mouse anti Pig SLA Class II DQ antibody, clone K274.3G8 recognizes SLA DQ molecules which are expressed on all B cells, antigen presenting cells and on certain subsets of resting and activated T cells. 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.
References	1. Lunney, J.K. (1993) Characterization of swine leukocyte differentiation antigens.Immunol Today 14: 147-8. 2. Brodersen, R. et al. (1998) Analysis of the immunological cross reactivities of 213 well characterized monoclonal antibodies with specificities against various leucocyte surface antigens of human and 11 animal species.Vet Immunol Immunopathol. 64: 1-13. 3. Sarradell, J. et al. (2003) A morphologic and immunohistochemical study of the bronchus-associated lymphoid tissue of pigs naturally infected with Mycoplasma hyopneumoniae.Vet Pathol. 40: 395-404. 4. Inman, C.F. et al. (2010) Dendritic cells interact with CD4 T cells in intestinal mucosa.J Leukoc Biol. 88: 571-8. 5. Faure, J.P. et al. (2002) Polyethylene glycol reduces early and long-term cold ischemia-reperfusion and renal medulla injury.J Pharmacol Exp Ther. 302: 861-70.

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.