CD1A Monoclonal Antibody

catalog number: **E-AB-22096**

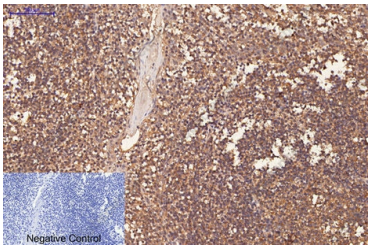
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

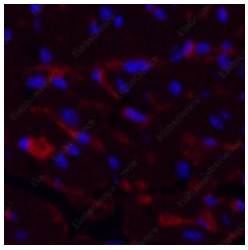
Reactivity	Human;Mouse;Rat
Immunogen	Synthetic Peptide
Host	Mouse
Isotype	Mouse IgG
Clone	2A5
Purification	Protein A purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer, 0.5% protein protectant and 50% glycerol.

Applications	Recommended Dilution
IHC	1:100-1:300
IF	1:50-200

Data



Immunohistochemistry of paraffin-embedded Human tonsil tissue using CD1A Monoclonal Antibody at dilution of 1:200.



Immunofluorescence analysis of Mouse heart tissue using CD1A Monoclonal Antibody at dilution of 1:200.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

Background

This gene encodes a member of the CD1 family of transmembrane glycoproteins, which are structurally related to the major histocompatibility complex (MHC) proteins and form heterodimers with beta-2-microglobulin.The CD1 proteins mediate the presentation of primarily lipid and glycolipid antigens of self or microbial origin to T cells.The human genome contains five CD1 family genes organized in a cluster on chromosome 1.The CD1 family members are thought to differ in their cellular localization and specificity for particular lipid ligands.The protein encoded by this gene localizes to the plasma membrane and to recycling vesicles of the early endocytic system.Alternatively spliced transcript variants have been observed, but their biological validity has not been determined.

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