

For Research Use Only

CD1a Monoclonal antibody

Catalog Number: 60173-2-Ig



Basic Information

Catalog Number:
60173-2-Ig

Size:
150ul

Source:
Mouse

Isotype:
IgG2b

Immunogen Catalog Number:
AG11304

GenBank Accession Number:
BC031645

GeneID (NCBI):
909

Full Name:
CD1a molecule

Calculated MW:
327 aa, 37 kDa

Purification Method:
Caprylic acid/ammonium sulfate
precipitation

CloneNo.:
2C2B4

Applications

Tested Applications:
ELISA

Species Specificity:
human

Background Information

CD1a is an antigen-presenting protein that binds self and non-self lipid and glycolipid antigens and presents them to T-cell receptors on natural killer T-cells. During protein synthesis and maturation, CD1 family members bind endogenous lipids that are replaced by lipid or glycolipid antigens when the proteins are internalized and pass through endosomes, before trafficking back to the cell surface. CD1a is a 50kd glycoprotein. It has a HeteroDimer form with MW 65-70kd.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
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Selected Validation Data