
Product Name: CD322 Mouse Monoclonal Antibody**Catalog #: AMM82193**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,ICC,ELISA,FC
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:2000,ICC 1:100-1:200,ELISA 1:5000-1:20000,FC 1:200-1:400
Molecular Weight	33.2kDa

Antigen Information

Gene Name	CD322
Alternative Names	JAM2; JAMB; JAM-B; VEJAM; PRO245; VE-JAM; C21orf43
Gene ID	58494.0
SwissProt ID	P57087
Immunogen	Purified recombinant fragment of human CD322 (AA: extra 29-238) expressed in E. Coli.

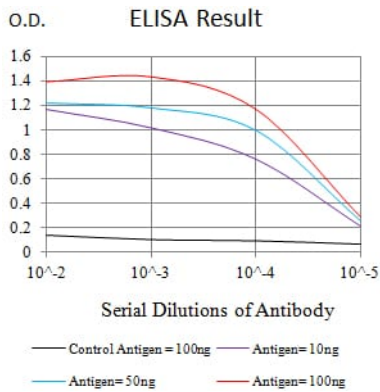
Background

This gene belongs to the immunoglobulin superfamily, and the junctional adhesion molecule (JAM) family. The protein encoded by this gene is a type I membrane protein that is localized at the tight junctions of both epithelial and endothelial cells. It acts as an adhesive ligand for interacting with a variety of immune cell types, and may play a role in lymphocyte homing to

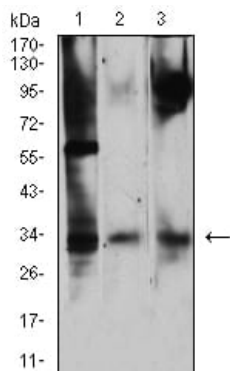
secondary lymphoid organs. Alternatively spliced transcript variants have been found for this gene.

Research Area

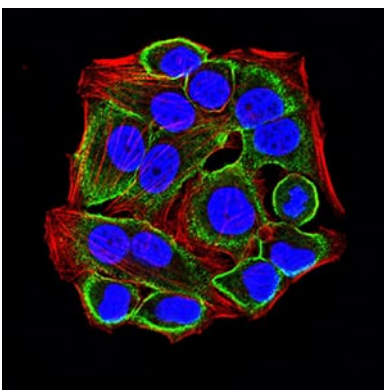
Image Data



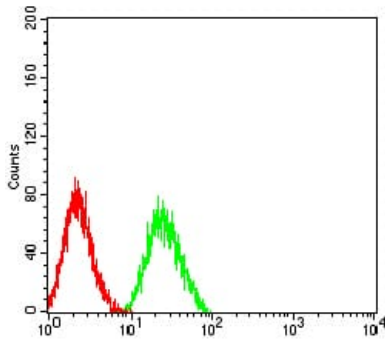
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



Western blot analysis using CD322 mouse mAb against NIH/3T3 (1), Ramos (2), and HepG2 (3) cell lysate.



Immunofluorescence analysis of HeLa cells using CD322 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin.



Flow cytometric analysis of HL-60 cells using CD322 mouse mAb (green) and negative control (red).