

CD99L2 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP55266

Specification

CD99L2 Polyclonal Antibody - Product Information

Application WB, IHC-P, IHC-F, IF, ICC, E

Primary Accession

Host

Clonality

Calculated MW

Physical State

Rabbit

Polyclonal

25 KDa

Liquid

Immunogen KLH conjugated synthetic peptide derived

from human CD99L2

Epitope Specificity 81-187/262

Isotype IgG

Purity

affinity purified by Protein A

Buffer 0.01M TBS (pH7.4) with 1% BSA, 0.02%

SUBCELLULAR LOCATION Cell membrane. Cell junction. SIMILARITY Belongs to the CD99 family.

Post-translational modifications **O-glycosylated.**

Important Note

This product as supplied is intended for research use only, not for use in human,

therapeutic or diagnostic applications.

Background Descriptions

May function as a homophilic adhesion molecule. Functions in leukocyte-endothelial cell interactions during leukocyte extravasation, and in particular, at the diapedesis step. Does not seem to be involved in docking of leukocytes to the vessel wall or in lymphocyte diapedesis.

CD99L2 Polyclonal Antibody - Additional Information

Gene ID 83692

Other Names

CD99 antigen-like protein 2, MIC2-like protein 1, CD99, CD99L2, MIC2L1

Target/Specificity

Expressed in brain, heart, lung, liver, spleen, kidney, stomach, small intestine, skeletal muscle, ovary, thymus, testis and uterus. Lower expression seen in thymus. Expressed in E18 uterus and placenta.

Dilution

WB~~1:1000/>span class

="dilution_IHC-P">IHC-P~~N/A<br \><span class

="dilution_IHC-F">IHC-F~~N/A<br \><span class

="dilution_IF">IF~~1:50~200<br \> < span class = "dilution_ICC">ICC~~N/A < br \> < span class = "dilution_ICC">ICC~~N/A < span class = "dilution_ICC">ICC~~N/A < span class = "dilution_ICC">ICC~



\>E~~N/A

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

CD99L2 Polyclonal Antibody - Protein Information

Name CD99L2

Synonyms MIC2L1

Function

Plays a role in a late step of leukocyte extravasation helping cells to overcome the endothelial basement membrane. Acts at the same site as, but independently of, PECAM1 (By similarity). Homophilic adhesion molecule, but these interactions may not be required for cell aggregation (By similarity).

Cellular Location

Cell membrane; Single-pass type I membrane protein; Extracellular side. Cell junction. Secreted

Tissue Location

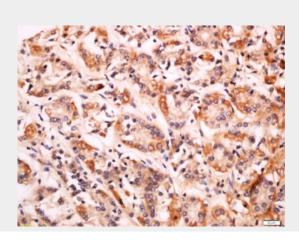
Detected in cerebrospinal fluid (at protein level) (PubMed:25326458). Expressed in many tissues, with low expression in thymus.

CD99L2 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

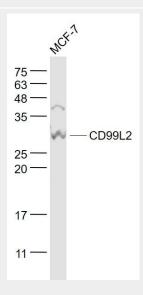
CD99L2 Polyclonal Antibody - Images





Tissue/cell: human gastric cancer; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;

Incubation: Anti-CD99L2 Polyclonal Antibody, Unconjugated(bs-13742R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Sample:

MCF-7(Human) Cell Lysate at 30 ug

Primary: Anti- CD99L2 (bs-13742R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 25 kD Observed band size: 28 kD