Anti-CD9 monoclonal antibody [GR2110]

Catalogue number: 161701
Sub-type: Primary antibody
Images:

Contributor

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Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-CD9 monoclonal antibody [GR2110]

Alternate name:

Class: Monoclonal
Conjugate:
Description: CD9 (p24 antigen) is a unique 24 kDa transmembrane polypeptide related to the tetraspanin family. The structure of CD9 is composed of 4 transmembrane domains, with intracellular N- and C-termini. First discovered in a lymphoblastic cell line of the pre-B phenotype, CD9 was later found on platelets and their a-granules, monocytes, B-prelymphocytes, eosinophils, basophils and activated T-lymphocytes. The CD9 molecule associates with other surface proteins such as a6/b4 integrin (CD49f/CD104 molecule) and HLA-DR, suggesting a role in cell adhesion, signal transduction and motility.GR21D10 is a mouse monoclonal antibody of the IgG1 isotype.
Purpose:
Parental cell:
Organism:
Tissue:
Model:
Gender:
Isotype: IgG1
Reactivity: Human
Selectivity:
Host: Mouse
Immunogen: B-ALL cells
Immunogen UNIPROT ID:
Sequence:
Growth properties:

Production details:
Formulation:
Recommended controls: B-ALL, pre-B cells, platelets
Bacterial resistance:
Selectable markers:
Additional notes:

Target details

Target: CD9

Target alternate names:

Target background:

Molecular weight: 24 kDa

Ic50:

Applications

Application: FACS; IHC; ELISA; WB
Application notes:

Handling

Format:
Concentration:
Passage number:
Growth medium:
Temperature:
Atmosphere:
Volume:
Storage medium:
Storage buffer: PBS with 0.02% azide
Storage conditions: -15° C to -25° C
Shipping conditions: Shipping at 4° C

Related tools

Related tools:

References

References: Pedrinaci et al. 1989. Hybridoma. 8(1):13-23. PMID: 2564369