Anti-CD56 [NKINBL1]

Catalogue number: 154755
Sub-type: Primary antibody
Images:

Contributor

Inventor:
Institute: Netherlands Cancer Institute
Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-CD56 [NKINBL1]

Alternate name: NCAM1; Neural Cell Adhesion Molecule 1

Class: Monoclonal
Conjugate: Unconjugated
Description: CD56, is a homophilic binding glycoprotein expressed on the surface of neurons, glia and skeletal muscle. Although CD56 is often considered a marker of neural lineage commitment due to its discovery site, CD56 expression is also found in, among others, the hematopoietic system. Here, the expression of CD56 is most stringently associated with, but certainly not limited to, natural killer cells. CD56 has been detected on other lymphoid cells, including gamma delta (Ä?Â??Ä?Â???Â´) Ä?Â???Â¤ cells and activated CD8+ T cells, as well as on dendritic cells. CD56 has been implicated as having a role in cellÄ?Ë???Â???Â?cell adhesion, neurite outgrowth, synaptic plasticity, and learning and memory.
Purpose:
Parental cell:
Organism:
Tissue:
Model:
Gender:
Isotype: IgG1
Reactivity: Human
Selectivity:
Host: Mouse
Immunogen: CHP-212 human neurablastoma cell line.
Immunogen UNIPROT ID:
Sequence:
Growth properties:

Production details:
Formulation:
Recommended controls:
Bacterial resistance:
Selectable markers:
Additional notes:

Target details

Target: CD56

Target alternate names:

Target background: CD56, is a homophilic binding glycoprotein expressed on the surface of neurons, glia and skeletal muscle. Although CD56 is often considered a marker of neural lineage commitment due to its discovery site, CD56 expression is also found in, among others, the hematopoietic system. Here, the expression of CD56 is most stringently associated with, but certainly not limited to, natural killer cells. CD56 has been detected on other lymphoid cells, including gamma delta (?d) cells and activated CD8+ T cells, as well as on dendritic cells. CD56 has been implicated as having a role in cellcell adhesion, neurite outgrowth, synaptic plasticity, and learning and memory.

Molecular weight: 140 kDa

Ic50:

Applications

Application: FACS ; IHC ; WB
Application notes:

Handling

Format: Liquid
Concentration: 0.9-1.1 mg/ml
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: Spits et al. 1983. Hybridoma. 2(4):423-37. PMID: 6332061.