Mouse CD56, His Tag, CHO

Catalog Number	LDG052PMM
Package	5 μg / 20 μg / 100 μg / Customized package

For full product information, images and publications, please visit our website.

Specifications

Species of Origin
Mouse

Expression System
CHO

Affinity Tag
His Tag (C-term)

Storage Buffer
Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.

Purity
>95% as determined by SDS-PAGE analysis.

Molecular weight
The protein has a calculated MW of 77.43 kDa. The protein migrates as 100-140 kDa under reducing condition (SDS-PAGE analysis).

Activity
Measured by its ability to support the adhesion of SH-SY5Y human neuroblastoma cells, with the ED50 being < 15 μg/mL.

Endotoxin Level
<0.1 EU per 1 μg of the protein by the LAL method.

Mycoplasma
Not detected

Form
Lyophilized

Background

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Background

CD56, or NCAM, is a neural cell adhesion molecule involved in cell-cell adhesion, found in natural killer (NK) cells and certain tumors.

Synonyms

Neural cell adhesion molecule 1, N-CAM-1, NCAM-1, CD56

Uniprot ID

P13595

Sequence Note

Leu20-Thr711

Instruction

Reconstitution

It is recommended to reconstitute the lyophilized protein in sterile H_2O to a concentration not less than 200 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.

Shipping

The product is shipped with polar packs. Upon receipt, store it immediately at -20°C or lower for long term storage.

Stability & Storage

This product is stable after storage at:

- -20°C for 12 months in lyophilized state from date of receipt.
- -20°C or -80°C for 1 month under sterile conditions after reconstitution.

Avoid repeated freeze/thaw cycles.

Image

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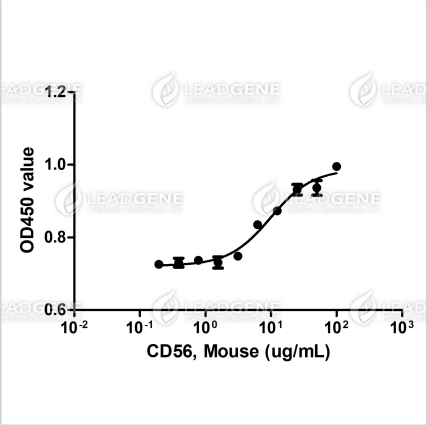
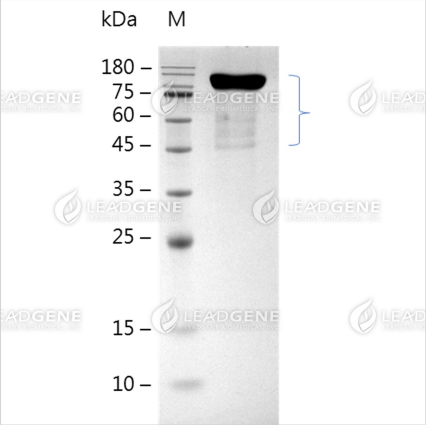


Mouse CD56, His Tag, CHO (LDG052PMM) supports the adhesion of SH-SY5Y human neuroblastoma cells, with the ED50 being < 15 μg/mL.



SDS-PAGE analysis of recombinant mouse CD56.

Disclaimer : For Research Use or Further Manufacturing Only.

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