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CD56 Human

Catalog #:PRPS-490

For research use only.

Description:CD56 Human Recombinant (aa 20-220) expressed in E.coli, shows a 48 kDa band on SDS-PAGE. The CD56 is purified by proprietary chromatographic techniques.

Synonyms: Neural cell adhesion molecule 1, 140 kDa isoform, N-CAM 140, NCAM-140, CD56 antigen, NCAM1, NCAM, CD56, MSK39.

Source: Escherichia Coli.

Physical Appearance: Sterile Filtered clear solution.

Formulation:

CD56 at 100

Stability:

Store vial at -20°C to -80°C. When stored at the recommended temperature, this protein is stable for 12 months.Please prevent freeze-thaw cycles.

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drμgs, agricultural or pesticidal products, food additives or household chemicals.

Applications:

ELISA. Inhibition Assays. Western Blotting.

Introduction:

Three isoforms of neural cell adhesion molecule (NCAM) are produced by differential splicing of the RNA transcript from a single gene. The 135kDa isoform is the basic molecule which is glycosylated or sialylated to produce the mature species. NCAM has been implicated as having a role in cell-cell adhesion, neurite outgrowth, synaptic plasticity, and learning and memory. NCAM (CD56) is reported to express on most neuroectodermal derived cell lines, tissues, and neoplasms such as retinoblastoma, medullblastoma, astrocytoma, and neuroblastoma. It is also expressed on some mesodermally derived tumors such as rhabdomyosarcoma and also on natural killer cells.

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