

NCAM1 polyclonal antibody

Catalog: BS61516

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

NCAM (neural cell adhesion molecule, CD56) is an adhesion glycoprotein with five extracellular immunoglobulin-like domains followed by two fibronectin type III repeats. Structural diversity is introduced by alternative splicing resulting in different cytoplasmic domains. NCAM mediates neuronal attachment, neurite extension and cell-cell interactions through homo and heterophilic interactions. PSA (polysialic acid) post-translationally modifies NCAM and increases the metastatic potential of small cell lung carcinoma, Wilms+ tumor, neuroblastoma and rhabdomyosarcoma. CD56 and CD16 are commonly used to identify NK cells although some cells with the T cell markers CD3 and CD4 also express CD56.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.3.

Molecular Weight:

~ 120-160 kDa

Swiss-Prot:

P13591

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE)

Applications:

WB: 1:500~1:1000

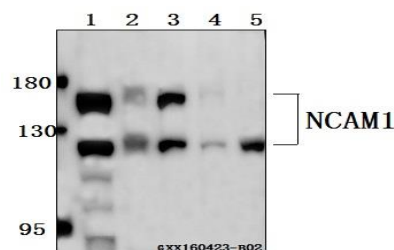
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

NCAM1 polyclonal antibody detects endogenous levels of NCAM1 protein.

DATA:



Western blot (WB) analysis of NCAM1 polyclonal antibody at 1:500 dilution

Lane1:HCT116 whole cell lysate(30ug)

Lane2:MCF-7 whole cell lysate(30ug)

Lane3:L02 whole cell lysate(30ug)

Lane4:The brain tissue lysate of Mouse(40ug)

Lane5:C6 whole cell lysate(40ug)

Note:

For research use only, not for use in diagnostic procedure.

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