

Mouse Anti-NCAM1 Monoclonal Antibody

CAB-2230MH Mouse(NCAM1)

Lot. No. (See product label)

PRODUCT INFORMATION

Product Overview	Mouse Anti-NCAM1 Monoclonal Antibody
Antigen Description	Neural Cell Adhesion Molecule (NCAM, also the cluster of differentiation CD56) is a homophilic binding glycoprotein expressed on the surface of neurons, glia, skeletal muscle and natural killer cells. NCAM has been implicated as having a role in cell-cell adhesion, neurite outgrowth, synaptic plasticity, and learning and memory.
specificity	Reacts with surface cell antigen CD56 (Molecular weight 175-220 kDa)
Target	NCAM1
Immunogen	KG1a cell line
Host	Mouse
Isotype	IgG2a
Source	Ascites
Species	Human
Clone	MT56
Affinity Constant	Not determined
Purification	Ion exchange chromatography
conjugation	N/A
Applications	Flow Cyt

PACKAGING

Format	Purified, Liquid
Concentration	3.0mg/ml (OD280nm, E0.1% = 1.4)3.0mg/ml (OD280nm, E0.1% = 1.4)
Buffer	PBS, pH 7.4
Storage	Store at 2 – 8°C.
Preservative	0.1% Sodium azide
Warning	This product contains sodium azide, which has been classified as Xn (Harmful), in European Directive 67/548/EEC in the concentration range of 0.1 – 1.0%. When disposing of this reagent through lead or copper plumbing, flush with copious volumes of water to prevent azide build-up in drains.

ANTIGEN GENE INFORMATION

Gene Name	NCAM1 neural cell adhesion molecule 1 [Homo sapiens]
Official Symbol	NCAM1
Synonyms	NCAM1; neural cell adhesion molecule 1; CD56; NCAM; neural cell adhesion molecule, NCAM; antigen recognized by monoclonal 5.1H11; MSK39;
GeneID	4684

mRNA Refseq [NM_000615](#)

Protein Refseq [NP_000606](#)

MIM [116930](#)

UniProt ID P13591

Chromosome Location 11q23.2

Pathway Axon guidance, organism-specific biosystem; Cell adhesion molecules (CAMs), organism-specific biosystem; Cell adhesion molecules (CAMs), conserved biosystem; Cytokine Signaling in Immune system, organism-specific biosystem; Developmental Biology, organism-specific biosystem; FGF signaling pathway, organism-specific biosystem; Immune System, organism-specific biosystem;