

Goat anti-CD56 / NCAM1 (isoform 2) Antibody

Item Number	dAP-2394
Target Molecule	Principle Name: CD56 / NCAM1 (isoform 2); Official Symbol: NCAM1; All Names and Symbols: NCAM1; neural cell adhesion molecule 1; CD56; MSK39; NCAM; N-CAM-1; NCAM-1; antigen recognized by monoclonal antibody 5.1H11; neural cell adhesion molecule, NCAM; Accession Number (s): NP_851996.2; Human Gene ID(s): 4684; Non-Human GeneID(s): 24586 (rat)
Immunogen	KASWTRPEKQETLD, is from internal region This antibody is expected to recognize reported isoform 2 (NP_851996.2) only.
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 32000.
Western Blot	Western Blot: Approx 170kDa band observed in Human Brain (Cerebellum, Cerebral and Frontal Cortex) lysates (calculated MW of 94.6kDa according to NP_851996.2). The observed molecular weight corresponds to the glycosylated form. Recommended concentration:
IHC	
Reference	Reference(s): Cairns L, Naidu A, Robinson CM, Sloan P, Wright JM, Hunter KD. CD56 (NCAM) expression in ameloblastomas and other odontogenic lesions. Histopathology. 2010 Oct;57(4):544-8..PMID: 20875069->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**