

CD56 / NCAM1 (ZR421)

Rabbit Monoclonal Antibody

Host: Rabbit
Specificity: Human
Immunogen: Recombinant fragment (around aa600-800) of human NCAM1 (CD56) protein
Ig Class: IgG
Storage: Store at 2-8°C for up to 2 years for concentrate form and 18 months for predilute form.

Specifications: CD56 / NCAM1 (ZR421) Rabbit Monoclonal primary antibody detects CD56 protein in formalin-fixed, paraffin-embedded samples by immunohistochemical (IHC) staining.

Staining procedures: Use formalin-fixed and paraffin-embedded sections. Retrieval conditions: Pretreatment of deparaffinized samples via heat-induced epitope retrieval is recommended. Detection method: Polymer anti-mouse/rabbit Ig detection system. Working dilution: 1:100-200. Positive Control: sample known to contain CD56 protein.

Localization: Cell membrane.

Intended Use: Research Use Only (RUO). This antibody is not for diagnostic use.

Description: This mAb reacts with a membrane-proximal extracellular domain of CD56/NCAM. Three splice isoforms of neural cell adhesion molecule (NCAM) have been described. The 135 kDa isoform is the basic molecule, which is glycosylated or sialylated to produce the matured species. Anti-CD56 recognizes two proteins of the neural cell adhesion molecule, the basic molecule expressed on most neuroectodermally derived tissues and neoplasms (e.g. retinoblastoma, medulloblastomas, astrocytomas, neuroblastomas, and small cell carcinomas). It is also expressed by some mesodermally derived tumors (rhabdomyosarcoma).

Supplied As: Purified antibody in Tris-HCl pH 7.4 buffer containing stabilizing proteins (including < 1% Bovine Serum Albumin) and < 0.1% ProClin by volume.

References:

1. Walmod PS, et al. Neurochem Res. 2004; 29:2015-35.
2. Skog MS, et al. Stem Cell Res Ther. 2016; 7:113.
3. Cohavy O, et al. J Immunol. 2007; 178:5524-32.

REF Z2777RL/ Z2777RS/ Z2777RT/ Z2777RP (1.0ml Concentrate/ 0.5ml Con./ 0.1ml Con./ 7ml Pre-dil)



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(research
use only)



(lot number)



(catalogue
number)



(expiry date)



(temperature
limit)



(consult
Instructions
for Use)