

bs-0736R**[Primary Antibody]****Bioss**
ANTIBODIES

www.bioss.com.cn

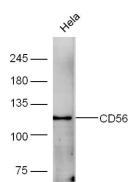
sales@bioss.com.cn

techsupport@bioss.com.cn

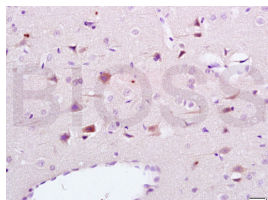
400-901-9800

CD56 Rabbit pAb**— DATASHEET —**

Host: Rabbit Clonality: Polyclonal GeneID: 4684 Target: CD56 Immunogen: KLH conjugated synthetic peptide derived from human CD56/NCAM1: 701-800/858. Purification: affinity purified by Protein A Concentration: 1mg/ml Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. Background: This gene encodes a cell adhesion protein which is a member of the immunoglobulin superfamily. The encoded protein is involved in cell-to-cell interactions as well as cell-matrix interactions during development and differentiation. The encoded protein has been shown to be involved in development of the nervous system, and for cells involved in the expansion of T cells and dendritic cells which play an important role in immune surveillance. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jun 2011]	Isotype: IgG SWISS: P13591	Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Human, Rat (predicted: Mouse, Rabbit, Pig, Cow, Chicken, Dog, Horse) Predicted MW.: 92 kDa Subcellular Location: Secreted ,Cell membrane
---	---	--

— VALIDATION IMAGES —

Protein: HeLa(human)cell lysates at 40ug;
Primary: rabbit Anti-CD56 (bs-0736R) at 1:300;
Secondary: HRP conjugated Goat-Anti-rabbit IgG(bs-0295G-HRP) at 1: 5000; Predicted band size:92 kD Observed band size:125 kD



Tissue/cell: rat brain tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min; Incubation: Anti-NCAM1 Polyclonal Antibody, Unconjugated(bs-0736R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

— SELECTED CITATIONS —

- **[IF=5.68]** Shi, Liang, et al. "Targeting Androgen Receptor (AR)→ IL12A Signal Enhances Efficacy of Sorafenib Plus NK Cells-Immunotherapy to Better Suppress HCC Progression." Molecular Cancer Therapeutics (2016): molcanther-0706. IHC ;="Human". 26939703
- **[IF=3.886]** Huiqian Zeng. et al. Increased uterine NLRP3 inflammasome and leucocyte infiltration in a rat model of preeclampsia. 2021 Aug 10 IHC ;Rat. 34375018
- **[IF=3.26]** Liu, Xin-Qi, et al. "Regulation of neuroendocrine cells and neuron factors in the ovary by zinc oxide

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

nanoparticles." Toxicology Letters (2016). IHC ;="Chicken". 27215404