

## CD56 Recombinant Rabbit Monoclonal Antibody Product Datasheet

Catalog# BX50178

Clone# BP6156

**Predicted Molecular Wt:** 95kDa  
**Species Cross-reactivity:** Human  
**Applications:** IHC-P

**Purity:** ProA affinity purified IgG  
**Form:** Liquid  
**Swissprot ID:** P13591

### Background:

CD56, also known as neural cell adhesion molecule (NCAM), is a calcium-independent homophilic binding protein that belongs to a group of cell adhesion molecules including cadherins, selectins, and integrins. CD56 is involved in cell-cell adhesion of neural cells during embryogenesis and is expressed on most neuroectodermally derived tissues. In normal tissue, anti-CD56 labels neurons, glia, schwann cells, NK (natural killer) cells, and a subset of T-cells. CD56 expression can be seen in most NK cell neoplasms, certain subtypes of T-cell lymphoma and in some plasma cell neoplasms.

### Subcellular location:

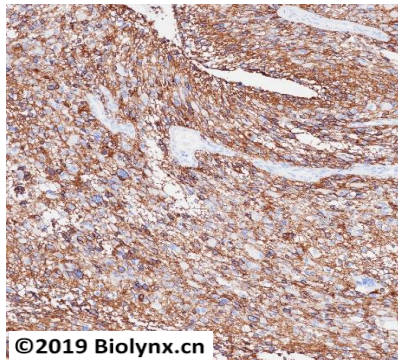
Membrane

### Recommended method:

Heat induced epitope retrieval with Tris-EDTA buffer (pH 9.0), primary antibody incubate at RT (18°C-25°C) for 30 minutes.

### Immunogen:

Synthetic peptide within Human NCAM1.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections analysis of human glioma tissue labelling CD56 with BP6156. Heat mediated antigen retrieval was performed using Tris/EDTA buffer pH 9.0

### Storage Buffer:

PBS 59%, Sodium azide 0.01%, Glycerol 40%, BSA 0.05%.

### Storage conditions:

-25°C to -18°C

### Storage instructions:


Shipped on blue ice. Upon delivery, aliquot, and store at -25°C to -18°C. Avoid freeze / thaw cycles.

### Recommended Dilutions:

IHC-P: 1:100-1:200

### Background References:

1. Thoulouze M.I., et al. J. Virol. 72:7181-7190(1998)
2. Feng Q et al. et al. J Cell Physiol 234:6561-6581 (2019).

Product QC'd by: 

For research use only. Not for use in diagnostic or therapeutic applications.