

CD56 (AB1446) mouse mAb

W0466

Key Features

Host Species

- Mouse

Reactivity

- Human; Mouse; Rat;

Applications

- IHC; WB; IF; ELISA

MW

- 95 kDa (calculated)
- 100 kDa (observed)

Isotype

- IgG1, kappa

Recommended Dilution Ratios

Application

IHC; WB; IF; ELISA

Dilution

IHC, 1:200-1:1000 | WB, 1:500-1:2000 | IF, 1:100-1:500 | ELISA, Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Storage

Storage Conditions

Store at -20°C. Avoid freeze / thaw cycles.

Storage buffer

The antibody is provided in liquid form in phosphate - buffered saline with 50% glycerol, 0.05% BSA, and 0.05% Proclin 300.

Basic Information

Clonality	Monoclonal
Clone Number	AB1446
Immunogen	A synthetic peptide corresponding to the amino acid region 500 - 600 of the human CD56 protein.
Specificity	The antibody can specifically recognize human CD56 protein.
Purification	Affinity purification Protein A
Concentration	Product concentration may vary by batch. Please refer to the product COA for details.

Target Information

Gene name	NCAM1		
Protein Name	CD56		
Database Link	Organism	Swiss Prot.	Gene ID
	Human	P13591	4684

Background	CD56 is a membrane glycoprotein, which is a neural cell adhesion molecule. It is mainly expressed in nerve cells, neuroendocrine cells, NK cells and partially activated T lymphocytes. Tumors are mainly expressed in neuroendocrine tumors and NK cell lymphoma. They are used to study retinoblastoma, medulloblastoma, astrocytoma, neuroblastoma and other tumors.
------------	---