

CD44 (ABT147) mouse mAb

YM4782

Key Features

Host Species

- Mouse

Reactivity

- Human

Applications

- IHC, WB, IF, ELISA

MW

- 81 kDa (Calculated)
- 81 kDa (Observed)

Isotype

- IgG2b, kappa

Recommended Dilution Ratios

Application

Western Blotting (WB)
Immunohistochemistry (IHC) (Paraffin)
Immunofluorescence (IF)
ELISA

Dilution

1:500-2000
1:200-1000
1:100-500
1:1000-5000

Storage

Storage at -15°C to -25°C/1 year(Do not lower than -25°C)
Storage buffer PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA

Basic Information

Clonality Monoclonal
Clone Number ABT147
Immunogen A synthetic peptide corresponding to the amino acid region 100-200 of the human CD44 protein.
Specificity The antibody can specifically recognize human CD44 protein. In western blotting of Hela cell lysate, the antibody can label a 81 kDa band corresponding to CD44.
Purification Affinity purification Protein A
Concentration Product concentration may vary by batch. Please refer to the product COA for details.

Target Information

Gene name CD44
Protein Name CD44

Database Link	Organism	SwissProt	Gene ID
	Human	P16070	960
	Mouse	P15379	12505
	Rat	P26051	

Background CD44 is a cell surface receptor, which belongs to the family of cell adhesion molecules that mediate cell-to-cell and cell-to-matrix adhesion, and interacts with cytoskeletal proteins. CD44 is widely expressed in hematopoietic cells and mesodermal cells and is a marker of these cells. Studies have shown that the loss of CD44 expression is related to invasion, metastasis and progression of lung cancer, prostate cancer, breast cancer, ovarian cancer and malignant melanoma.

Contact information

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