

CD9 (AB2404) mouse mAb

W0444

Key Features

Host Species

- Mouse

Reactivity

- Human;

Applications

- WB; IF; ELISA

MW

- 24 kDa (calculated)
- 22 kDa (observed)

Isotype

- IgG

Recommended Dilution Ratios

Application

WB; IF; ELISA

Dilution

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	AB2404
Immunogen	A synthetic peptide corresponding to the amino acid region 100 - 200 of the human CD9 protein.
Specificity	This antibody detects endogenous levels of CD9.
Purification	Affinity purification Protein A
Concentration	Product concentration may vary by batch. Please refer to the product COA for details.

Target Information

Gene name	CD9		
Protein Name	CD9		
Database Link	Organism	Swiss Prot.	Gene ID
	Human	P21926	928

Background	This gene encodes a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Tetraspanins are cell surface glycoproteins with four transmembrane domains that form multimeric complexes with other cell surface proteins. The encoded protein functions in many cellular processes including differentiation, adhesion, and signal transduction, and expression of this gene plays a critical role in the suppression of cancer cell motility and metastasis. [provided by RefSeq, Jan 2011],
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