

CD141 (AB1295) mouse mAb

W0273

Key Features

Host Species

- Mouse

Reactivity

- Human; Mouse; Rat;

Applications

- IHC; WB; IF; ELISA

MW

- 62 kDa (calculated)
- 100 kDa (observed)

Isotype

- IgG2b, 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	AB1295
Immunogen	A synthetic peptide corresponding to the amino acid region 50 - 150 of the human CD141 protein.
Specificity	The antibody can specifically recognize human CD141 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	THBD		
Protein Name	CD141		
Database Link	Organism	Swiss Prot.	Gene ID
	Human	P07204	7056

Background	CD141 is a 75 kDa transmembrane glycoprotein expressed in many normal tissues, such as arterial and venous endothelial cells and mesothelial cells. CD141 is not expressed in liver adenocarcinoma. CD141 protein is a sensitive marker of lymphatic endothelial cells and their tumors. It can be used to distinguish lung adenocarcinoma from malignant mesothelioma.
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