

CD141 (AB1295) mouse mAb

V0220

Key Features

Host Species

- Mouse

Reactivity

- Human; Mouse; Rat;

Applications

- Immunohistochemistry (IHC)

MW

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

Isotype

- IgG2b, kappa

Recommended Dilution Ratios

Application

Immunohistochemistry (IHC)

Dilution

IHC, 1:50-1:200

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 75kDa 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.