

Vimentin (AB1237) mouse mAb

V0475

Key Features

Host Species

- Mouse

Reactivity

- Human; Mouse; Rat;

Applications

- Immunohistochemistry (IHC)

MW

- 53 kDa (calculated)
- 54 kDa (observed)

Isotype

- IgG2b, kappa

Recommended Dilution Ratios

Application

Immunohistochemistry (IHC)

Dilution

IHC, 1:50-1:100

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 AB1237

Immunogen A synthetic peptide corresponding to the amino acid region 400 - 466 of the human Vimentin protein.

Specificity The antibody can specifically recognize human Vimentin 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 VIM

Protein Name Vimentin

Database Link	Organism	Swiss Prot.	Gene ID
	Human	P08670	7431

Background Vimentin is the most common member of intermediate filament protein family. It is a main component of cytoskeleton structure. Its main function is to maintain cell integrity and skeleton stability. It is expressed in mesenchymal cells and mesoderm derived cells. Vimentin is a relatively specific marker of mesenchymal cells and their derived tumors.