

Desmin (AB1322) mouse mAb

V0329

Key Features

Host Species

- Mouse

Reactivity

- Human; Mouse; Rat;

Applications

- Immunohistochemistry (IHC)

MW

- 53 kDa (calculated)
- 60 kDa (observed)

Isotype

- IgG2b, kappa

Recommended Dilution Ratios

Application

Immunohistochemistry (IHC)

Dilution

IHC, 1:200-1:400

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 AB1322

Immunogen A synthetic peptide corresponding to the amino acid region 400 - 470 of the human Desmin protein.

Specificity The antibody can specifically recognize human Desmin 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 DES

Protein Name Desmin

Database Link	Organism	Swiss Prot.	Gene ID
	Human	P17661	1674

Background

Desmin is an intermediate silk protein with a molecular weight of 53 kDa, which is widely distributed in smooth muscle cells, skeletal muscle cells, cardiomyocytes and myofibroblasts. It is mainly used for the diagnosis and differential diagnosis of smooth muscle tumors and striated muscle tumors. In rhabdomyosarcoma, pleomorphic rhabdomyosarcoma was strongly positive, while embryonic / acinar rhabdomyosarcoma was low or even negative. Myofibroblastoma was positive, and the fibroproliferative small round cell tumor showed paranuclear punctate staining.