

Desmin Monoclonal Antibody

Catalog No. E-AB-71064

Note: Centrifuge before opening to ensure complete recovery of vial contents.

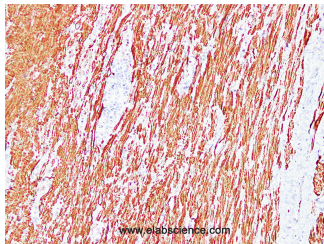
Description

Reactivity	Human
Immunogen	Full length protein from eukaryotic expression system.
Host	Mouse
Isotype	IgG
Clone	LE0122
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.02% sodium azide and 50% glycerol pH 7.4.

Applications Recommended Dilution

IHC 1:100-1:200

Data



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of Human appendix tissue smooth muscle layer using Desmin Monoclonal Antibody with Cat#E-AB-71064 at dilution of 1:200.

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

Background

Desmin is a muscle-specific class III intermediate filament. Homopolymers of this protein form a stable intracytoplasmic filamentous network connecting myofibrils to each other and to the plasma membrane. Diseases associated with DES include Myopathy, Myofibrillar, 1 and Scapuloperoneal Syndrome, Neurogenic, Kaeser Type. Among its related pathways are Aurora B signaling and Arrhythmogenic right ventricular cardiomyopathy (ARVC). Desmin is a member of the intermediate filament protein, normally distributed in smooth muscle cells, myocardial cells, skeletal muscle cells and myoepithelial cells and tumors. It is mainly used for diagnosis and differential diagnosis of uterus, skin, gastrointestinal tract and other rhabdomyosarcoma and myoepithelioma. High temperature repair can enhance the staining intensity.

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