For Research Use Only

Desmin Recombinant monoclonal antibody

Catalog Number:82748-2-RR

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Antibodies | ELISA kits | Proteins
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Basic Information

Catalog Number:
82748-2-RR

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG9742

GenBank Accession Number:
BC032116

GeneID (NCBI):
1674

UNIPROT ID:
P17661

Full Name:
desmin

Calculated MW:
470 aa, 54 kDa

Purification Method:
Protein A purification

CloneNo.:
5K5

Recommended Dilutions:
IHC: 1:1500-1:6000

Applications

Tested Applications:
IHC, ELISA

Species Specificity:
human

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

IHC : human colon tissue,

Background Information

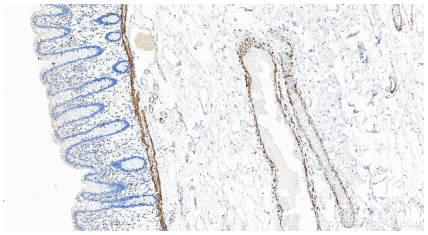
Desmin is the main intermediate filament protein in skeletal and cardiac muscle cells and is essential for both the structural integrity and the survival of muscle cells. As an abundant muscle-specific protein, desmin has been widely used as a marker of muscle derived tumors. Anti-desmin is also valuable in the differential diagnosis of tumors of uncertain origin.

Storage

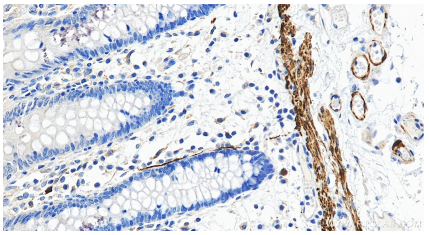
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 82748-2-RR (Desmin antibody) at dilution of 1:3000 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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