

Product Datasheet

Desmin Antibody (DES/2960R) - Azide and BSA Free NBP3-08664

Unit Size: 100 ug

Store at -20 to -80C. Avoid freeze-thaw cycles.

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NBP3-08664

Desmin Antibody (DES/2960R) - Azide and BSA Free

Product Information	
Unit Size	100 ug
Concentration	1 mg/ml
Storage	Store at -20 to -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	DES/2960R
Preservative	No Preservative
Isotype	IgG
Purity	Protein A or G purified
Buffer	10 mM PBS
Target Molecular Weight	52 kDa

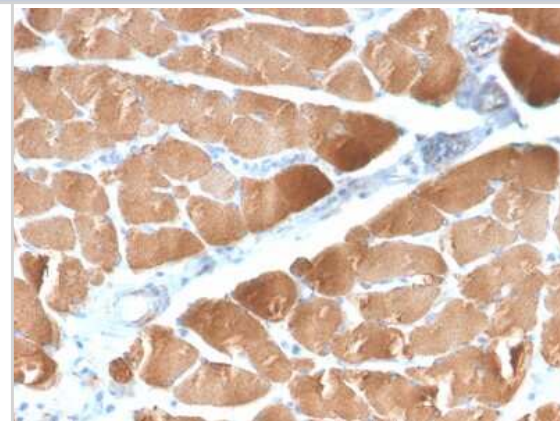
Product Description	
Description	1.0 mg/ml of antibody purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS WITHOUT BSA & azide. Also available at 200 ug/ml WITH BSA & azide (NBP3-07640). Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.
Host	Rabbit
Gene ID	1674
Gene Symbol	DES
Species	Human, Rat, Chicken, Hamster
Marker	Muscle Cell Marker
Specificity/Sensitivity	Cytoskeletal intermediate filaments (IFs) constitute a diverse group of proteins that are expressed in a highly tissue-specific manner. IFs are constructed from two-chain -helical coiled-coil molecules arranged on an imperfect helical lattice, and have been widely used as markers for distinguishing individual cell types within a tissue and identifying the origins of metastatic tumors. Vimentin is an IF general marker of cells originating in the mesenchyme. Vimentin and Desmin, a related class III IF, are both expressed during skeletal muscle development. Desmin, a 469 amino acid protein found near the Z line in sarcomeres, is expressed more frequently in adult differentiated state tissues. Anti-desmin detects cells of normal smooth, skeletal, and cardiac muscles. Antibody reacts with leiomyomas, leiomyosarcoma, rhabdomyomas, rhabdomyosarcoma, and perivascular cells of glomus tumors of the skin.
Immunogen	Recombinant human full-length Desmin protein (Uniprot: P17661)

Product Application Details	
Applications	Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry-Paraffin 1-2 ug/ml
Application Notes	Immunohistochemistry Formalin-fixed: 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues is enhanced by heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0 for 45 min at 95C followed by cooling at RT for 20 minutes. Optimal dilution for a specific application should be determined.



Images

Immunohistochemistry-Paraffin: Desmin Antibody (DES/2960R) - Azide and BSA Free [NBP3-08664] - Formalin-fixed, paraffin-embedded human Skeletal Muscle stained with Desmin Rabbit Recombinant Monoclonal Antibody (DES/2960R).





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Products Related to NBP3-08664

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00001674-Q01-10ug	Recombinant Human Desmin GST (N-Term) Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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