

Product Datasheet

Desmin Antibody (rDES/1711) [DyLight 650] NBP3-14038C

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP3-14038C

Desmin Antibody (rDES/1711) [DyLight 650]

| Product Information | |
|------------------------------------|---|
| Unit Size | 0.1 ml |
| Concentration | Please see the vial label for concentration. If unlisted please contact technical services. |
| Storage | Store at 4C in the dark. |
| Clonality | Monoclonal |
| Clone | rDES/1711 |
| Preservative | 0.05% Sodium Azide |
| Isotype | IgG1 Kappa |
| Conjugate | DyLight 650 |
| Purity | Protein A or G purified |
| Buffer | 50mM Sodium Borate |
| Product Description | |
| Host | Mouse |
| Gene ID | 1674 |
| Gene Symbol | DES |
| Species | Human, Mouse, 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 full-length human desmin protein (Uniprot: P17661) |
| Notes | DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries. |
| Product Application Details | |
| Applications | Immunohistochemistry-Paraffin |
| Recommended Dilutions | Immunohistochemistry-Paraffin |
| Application Notes | Optimal dilution of this antibody should be experimentally determined. |





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Products Related to NBP3-14038C

| | |
|--------------------|---|
| NBP1-43319C | Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1) [DyLight 650] |
| H00001674-Q01-10ug | Recombinant Human Desmin GST (N-Term) Protein |
| 291-G1-200 | IGF-I/IGF-1 [Unconjugated] |
| NBL1-09840 | Desmin Overexpression Lysate |

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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