

Product Datasheet

alpha-Smooth Muscle Actin Antibody (SPM332) [DyLight 594]

NBP2-34760DL594

Unit Size: 0.1 ml

Store at 4C in the dark.

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alpha-Smooth Muscle Actin Antibody (SPM332) [DyLight 594]

| 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 | SPM332 |
| Preservative | 0.05% Sodium Azide |
| Isotype | IgG2a Kappa |
| Conjugate | DyLight 594 |
| Purity | Protein A or G purified |
| Buffer | 50mM Sodium Borate |
| Product Description | |
| Host | Mouse |
| Gene ID | 59 |
| Gene Symbol | ACTA2 |
| Species | Human, Mouse, Rat, Porcine, Bovine, Canine, Chicken, Feline, Guinea Pig, Goat, Baboon, Monkey, Rabbit, Sheep |
| Marker | Leiomyosarcoma Marker |
| Specificity/Sensitivity | Actin is a major component of the cytoskeleton and is present in most cell types. This monoclonal antibody is highly specific to actin from smooth muscles. Its epitope lies in the first four N-terminal amino acids. This monoclonal antibody does not stain cardiac or skeletal muscle; however, it does stain myofibroblasts and myoepithelial cells. This antibody could be used together with anti-muscle specific actin and myogenin in making a diagnosis of smooth muscle and skeletal muscle tumors. In most cases of rhabdomyosarcoma, this antibody yields negative results whereas anti-muscle specific actin and myogenin are positive. Leiomyosarcomas are positive only with anti-muscle specific actin and anti-smooth muscle actin and are negative with anti-myogenin. |
| Immunogen | N-Terminal decapeptide of alpha smooth muscle isoform of actin and conjugated to KLH. (Uniprot: P62736) |
| Notes | DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries. |
| Product Application Details | |
| Applications | Western Blot, Flow Cytometry, Flow (Intracellular), Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready |
| Recommended Dilutions | Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin, Flow (Intracellular), CyTOF-ready |
| Application Notes | Optimal dilution of this antibody should be experimentally determined. |





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Products Related to NBP2-34760DL594

| | |
|--------------------|--|
| NBP1-96981DL594 | Mouse IgG2a Kappa Isotype Control (M2AK) [DyLight 594] |
| H00000059-P01-10ug | Recombinant Human alpha-Smooth Muscle Actin GST (N-Term) Protein |
| DVE00 | VEGF [HRP] |
| NBP2-66429 | Mouse alpha-Smooth Muscle Actin ELISA Kit (Colorimetric) |

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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