

Product Datasheet

Mitochondria Antibody (SPM198) **NBP2-32981-0.1mg**

Unit Size: 0.1 mg

Store at 4C.

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NBP2-32981-0.1mg

Mitochondria Antibody (SPM198)

Product Information

| | |
|--------------------------------|--------------------------|
| Unit Size | 0.1 mg |
| Concentration | 0.2 mg/ml |
| Storage | Store at 4C. |
| Clonality | Monoclonal |
| Clone | SPM198 |
| Preservative | 0.05% Sodium Azide |
| Isotype | IgG1 Kappa |
| Purity | Protein A or G purified |
| Buffer | 10 mM PBS with 0.05% BSA |
| Target Molecular Weight | 60 kDa |

Product Description

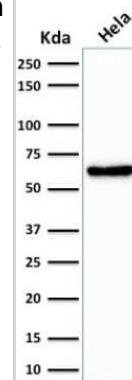
| | |
|--------------------------------|--|
| Description | 200ug/ml of antibody purified from Bioreactor Concentrate by Protein A or G. Prepared in 10 mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA at 1.0 mg/ml. (NBP2-34745) Antibody with azide - store at 2 to 8C. |
| Host | Mouse |
| Species | Human, Mouse (Negative), Rat (Negative) |
| Reactivity Notes | Does not react with Mouse or Rat. |
| Marker | Mitochondrial Marker |
| Specificity/Sensitivity | monoclonal antibody 113-1 recognizes a 60kDa antigen associated with the mitochondria in human cells. It can be used to stain mitochondria in cell or tissue preparations and can be used as a mitochondrial marker in subcellular fractions. It produces a spaghetti-like pattern in normal and malignant cells. This antibody is an excellent marker for human cells in xenographic model research. It reacts specifically with human cells, including neurons and embryonic stem cells. |
| Immunogen | Semi-Purified mitochondrial preparation |

Product Application Details

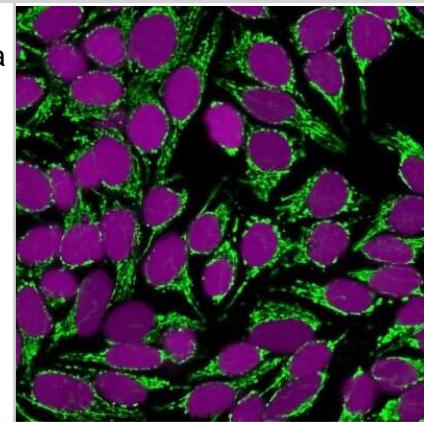
| | |
|------------------------------|---|
| Applications | Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin |
| Recommended Dilutions | Western Blot 0.25-0.5 ug/ml, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1-2 ug/ml, Immunohistochemistry-Paraffin 1-2 ug/ml, Immunohistochemistry-Frozen 0.5-1.0ug/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 1mM EDTA Buffer, pH 8.5-9.5, for 45 min at 95C followed by cooling at RT for 20 minutes. Optimal dilution for a specific application should be determined. |

Images

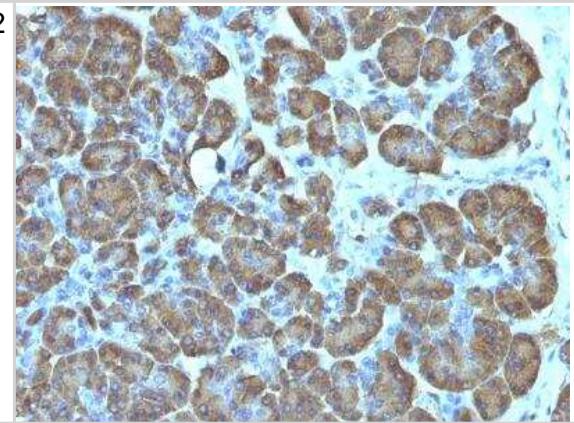
Western Blot: Mitochondria Antibody (SPM198) [NBP2-32981] - Western Blot Analysis of HeLa cell lysate using Mitochondria Antibody (SPM198).



Immunocytochemistry/Immunofluorescence: Mitochondria Antibody (SPM198) [NBP2-32981] - Confocal immunofluorescence image of HeLa cells using Mitochondria Antibody (SPM198) labeled in Green (CF488) and Red Dot is used to label the nuclei purple.



Immunohistochemistry-Paraffin: Mitochondria Antibody (SPM198) [NBP2-32981] - Formalin-fixed, paraffin-embedded human Pancreas stained with Mitochondria Monoclonal Antibody (SPM198).





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Products Related to NBP2-32981-0.1mg

| | |
|------------------|---|
| HAF007 | Goat anti-Mouse IgG Secondary Antibody [HRP] |
| NB720-B | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP1-43319-0.5mg | Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1) |
| NBP2-29448 | Mitochondria Isolation Kit |

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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