

Product Datasheet

GRP75/HSPA9B/Mortalin Antibody (OTI9F8) NBP1-47801

Unit Size: 0.1 ml

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

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NBP1-47801**GRP75/HSPA9B/Mortalin Antibody (OTI9F8)**

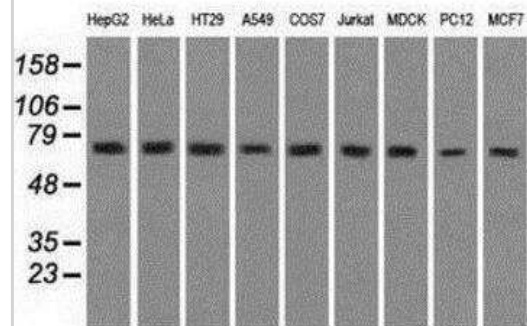
| Product Information | |
|--------------------------------|--|
| Unit Size | 0.1 ml |
| Concentration | 1 mg/ml |
| Storage | Store at -20C. Avoid freeze-thaw cycles. |
| Clonality | Monoclonal |
| Clone | OTI9F8 |
| Preservative | 0.02% Sodium Azide |
| Isotype | IgG2b |
| Purity | Immunogen affinity purified |
| Buffer | PBS (pH 7.3), 1.0% BSA and 50% Glycerol |
| Target Molecular Weight | 73.5 kDa |

| Product Description | |
|--------------------------------|---|
| Description | Novus Biologicals Mouse GRP75/HSPA9B/Mortalin Antibody (OTI9F8) (NBP1-47801) is a monoclonal antibody validated for use in IHC, WB, Flow and ICC/IF. Anti-GRP75/HSPA9B/Mortalin Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host | Mouse |
| Gene ID | 3313 |
| Gene Symbol | HSPA9 |
| Species | Human, Mouse, Rat, Canine, Primate, Monkey |
| Reactivity Notes | Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions. |
| Marker | Immortalization Marker |
| Specificity/Sensitivity | This antibody is specific for Homo sapiens heat shock 70kDa protein 9 (mortalin) (HSPA9), nuclear gene encoding mitochondrial protein. |
| Immunogen | Full length human recombinant protein of human HSPA9 (NP_004125) produced in HEK293T cell. |

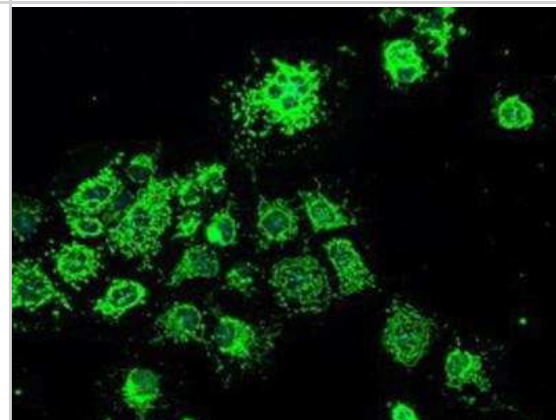
| Product Application Details | |
|------------------------------------|---|
| Applications | Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry |
| Recommended Dilutions | Western Blot 1:1000-2000, Flow Cytometry 1:100, Immunohistochemistry 1:50, Immunocytochemistry/ Immunofluorescence 1:50, Immunohistochemistry-Paraffin 1:50 |

Images

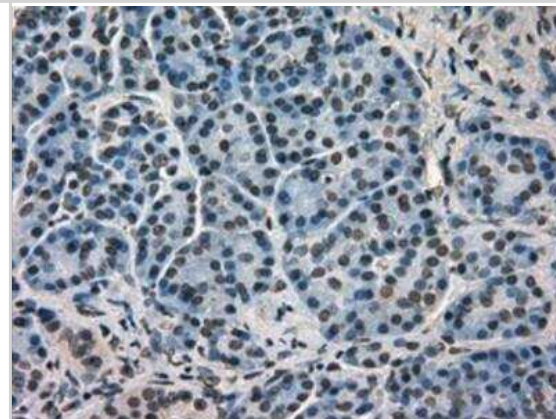
Western Blot: GRP75/HSPA9B/Mortalin Antibody (9F8) [NBP1-47801] - Analysis of extracts from 9 different cell lines: (HepG2: human; HeLa: human; SVT2: mouse; A549: human; COS7: monkey; Jurkat: human; MDCK: canine; PC12: rat; MCF7: human).



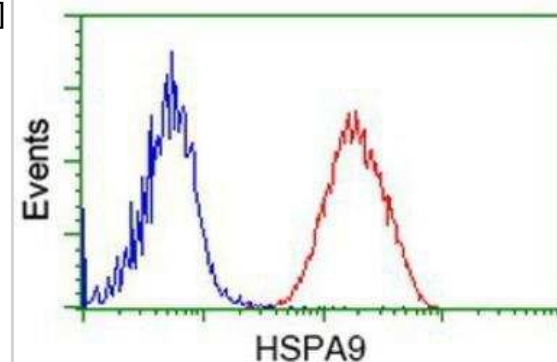
Immunocytochemistry/Immunofluorescence: GRP75/HSPA9B/Mortalin Antibody (9F8) [NBP1-47801] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY GRP75/HSPA9B/Mortalin.



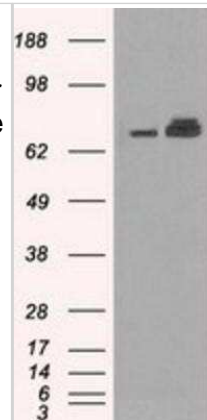
Immunohistochemistry-Paraffin: GRP75/HSPA9B/Mortalin Antibody (9F8) [NBP1-47801] - Staining of paraffin-embedded Human pancreas tissue using anti-GRP75/HSPA9B/Mortalin mouse monoclonal antibody.



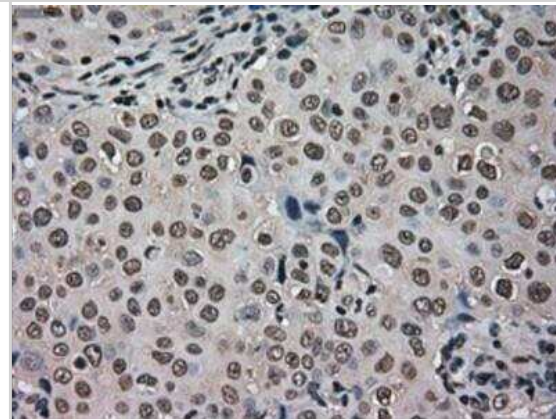
Flow Cytometry: GRP75/HSPA9B/Mortalin Antibody (9F8) [NBP1-47801] - Analysis of Jurkat cells, using anti-Mortalin antibody, (Red), compared to a nonspecific negative control antibody (Blue).



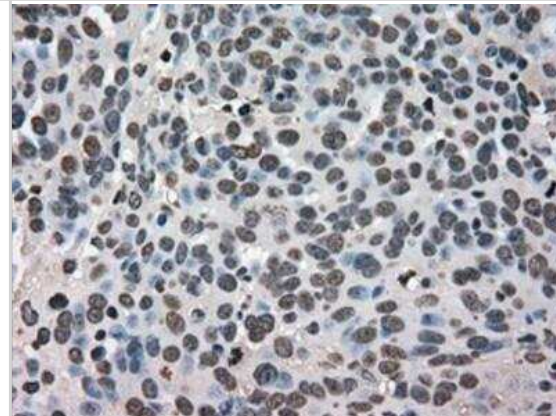
Western Blot: GRP75/HSPA9B/Mortalin Antibody (9F8) [NBP1-47801] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY GRP75/HSPA9B/Mortalin (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-GRP75/HSPA9B/Mortalin.



Immunohistochemistry-Paraffin: GRP75/HSPA9B/Mortalin Antibody (9F8) [NBP1-47801] - Staining of paraffin-embedded Adenocarcinoma of Human breast tissue using anti-GRP75/HSPA9B/Mortalin mouse monoclonal antibody.



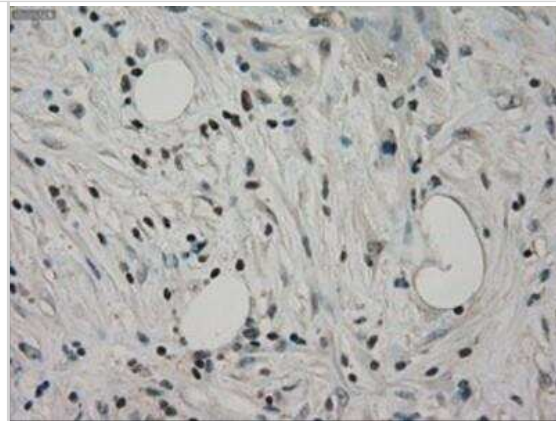
Immunohistochemistry-Paraffin: GRP75/HSPA9B/Mortalin Antibody (9F8) [NBP1-47801] - Staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-GRP75/HSPA9B/Mortalin mouse monoclonal antibody.



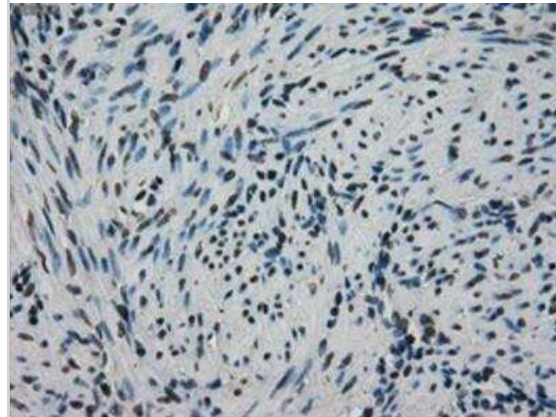
Immunohistochemistry-Paraffin: GRP75/HSPA9B/Mortalin Antibody (9F8) [NBP1-47801] - Staining of paraffin-embedded Carcinoma of Human kidney tissue using anti-GRP75/HSPA9B/Mortalin mouse monoclonal antibody.



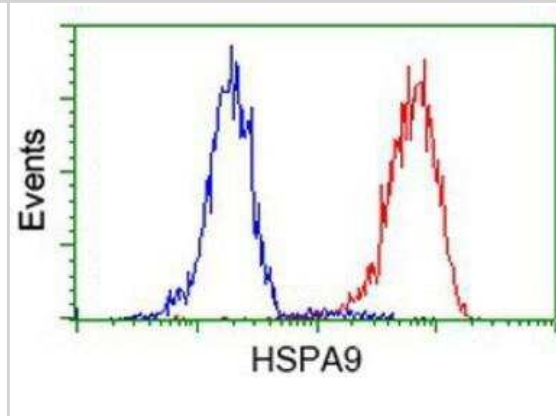
Immunohistochemistry-Paraffin: GRP75/HSPA9B/Mortalin Antibody (9F8) [NBP1-47801] - Staining of paraffin-embedded Carcinoma of Human pancreas tissue using anti-GRP75/HSPA9B/Mortalin mouse monoclonal antibody.



Immunohistochemistry-Paraffin: GRP75/HSPA9B/Mortalin Antibody (9F8) [NBP1-47801] - Staining of paraffin-embedded Human endometrium tissue using anti-GRP75/HSPA9B/Mortalin mouse monoclonal antibody.



Flow Cytometry: GRP75/HSPA9B/Mortalin Antibody (9F8) [NBP1-47801] - Analysis of Hela cells, using anti-Mortalin antibody, (Red), compared to a nonspecific negative control antibody (Blue).



Publications

Yan Y, Yu L, Castro L, Dixon D. ERa36, a variant of estrogen receptor α , is predominantly localized in mitochondria of human uterine smooth muscle and leiomyoma cells. PLoS ONE. 2017-10-11 [PMID: 29020039] (WB, Human)



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Products Related to NBP1-47801

| | |
|-------------|--|
| NBP2-33376H | Blue Marker Antibody (6F4-F6) [HRP] |
| HAF007 | Goat anti-Mouse IgG Secondary Antibody [HRP] |
| NB7539 | Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP] |
| NBP2-27231 | Mouse IgG2b Isotype Control (MPC-11) |

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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