Product Datasheet

IMP Dehydrogenase 2/IMPDH2 Antibody (4X3S10) NBP3-16786-100ul

Unit Size: 100 ul

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

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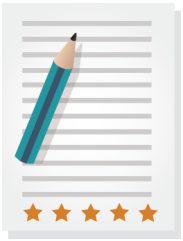
Updated 9/9/2025 v.20.1



NBP3-16786-100ul

IMP Dehydrogenase 2/IMPDH2 Antibody (4X3S10)

Product Information

Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	4X3S10
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.3), 50% glycerol, 0.05% BSA

Product Description

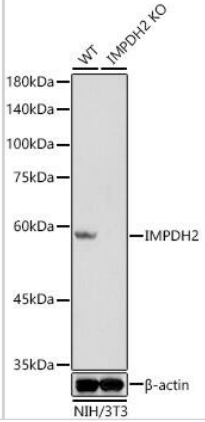
Description	Novus Biologicals Rabbit IMP Dehydrogenase 2/IMPDH2 Antibody (4X3S10) (NBP3-16786) is a recombinant monoclonal antibody validated for use in WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	3615
Gene Symbol	IMPDH2
Species	Human, Mouse, Rat
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 100-300 of human IMP Dehydrogenase 2/IMPDH2 (P12268). QANEVRKVKKYEQGFITDPVVLSPKDRVRDVFEAKARHGFCGIPITDTGRMGS RLVGIISSRDIDFLKEEEHDCFLEEIMTKREDLVVAPAGITLKEANEILQRSKKGK LPIVNEDDELVAIIARTDLKKNRDYPLASKDAKKQLLCGAAIGTHEDDKYRLDLLA QAGVDVVVLDSSQGNSIFQINMIKYIKDKYPNLQVI

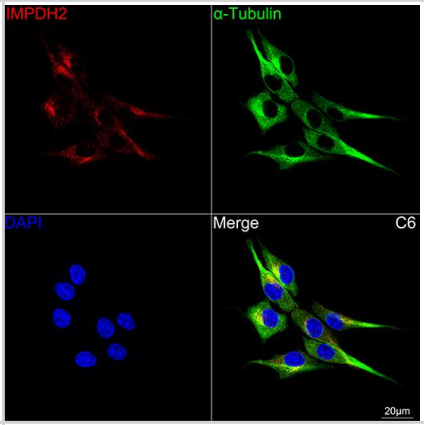
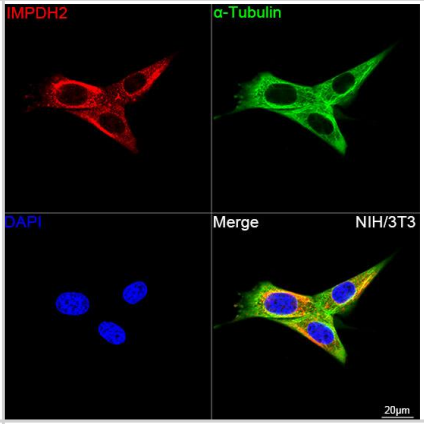
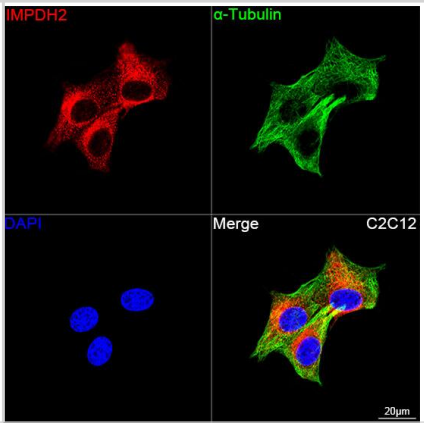
Product Application Details

Applications	Western Blot, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 1:50 - 1:200

Images

Western Blot: IMP Dehydrogenase 2/IMPDH2 Antibody (4X3S10) [NBP3-16786] - Western blot analysis of lysates from wild type(WT) and IMP Dehydrogenase 2/IMPDH2 knockout (KO) NIH/3T3(KO) cells, using [KO Validated] IMP Dehydrogenase 2/IMPDH2 Rabbit mAb at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.
Lysates/proteins: 25ug per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit .
Exposure time: 3s.



Immunocytochemistry/ Immunofluorescence: IMP Dehydrogenase 2/IMPDH2 Antibody (4X3S10) [NBP3-16786] - Confocal imaging of C6 cells using [KO Validated] IMP Dehydrogenase 2/IMPDH2 Rabbit mAb followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) . The cells were counterstained with alpha-Tubulin Mouse mAb followed by incubation with ABflo(R) 488-conjugated Goat Anti-Mouse IgG (H+L) Ab (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.	
Immunocytochemistry/ Immunofluorescence: IMP Dehydrogenase 2/IMPDH2 Antibody (4X3S10) [NBP3-16786] - Confocal imaging of C6 cells using [KO Validated] IMP Dehydrogenase 2/IMPDH2 Rabbit mAb followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) . The cells were counterstained with alpha-Tubulin Mouse mAb followed by incubation with ABflo 488-conjugated Goat Anti-Mouse IgG (H+L) Ab (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.	
Immunocytochemistry/ Immunofluorescence: IMP Dehydrogenase 2/IMPDH2 Antibody (4X3S10) [NBP3-16786] - Confocal imaging of NIH/3T3 cells using [KO Validated] IMP Dehydrogenase 2/IMPDH2 Rabbit mAb followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) . The cells were counterstained with alpha-Tubulin Mouse mAb followed by incubation with ABflo 488-conjugated Goat Anti-Mouse IgG (H+L) Ab (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.	
Immunocytochemistry/ Immunofluorescence: IMP Dehydrogenase 2/IMPDH2 Antibody (4X3S10) [NBP3-16786] - Confocal imaging of C2C12 cells using [KO Validated] IMP Dehydrogenase 2/IMPDH2 Rabbit mAb followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H +L) . The cells were counterstained with alpha-Tubulin Mouse mAb followed by incubation with ABflo 488-conjugated Goat Anti-Mouse IgG (H+L) Ab (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.	

Western Blot: IMP Dehydrogenase 2/IMPDH2 Antibody (4X3S10) [NBP3-16786] - Western blot analysis of various lysates, using [KO Validated] IMP Dehydrogenase 2/IMPDH2 Rabbit mAb at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.
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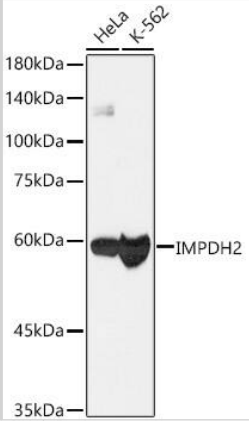

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Products Related to NBP3-16786-100ul

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-72513-50ug	Recombinant Human IMP Dehydrogenase 2/IMPDH2 His 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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