

Product Datasheet

Fumarase Antibody (OTI1F10) NBP1-47754

Unit Size: 0.1 ml

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

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Publications: 1

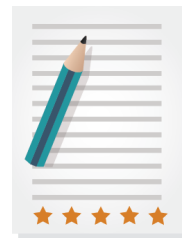
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NBP1-47754

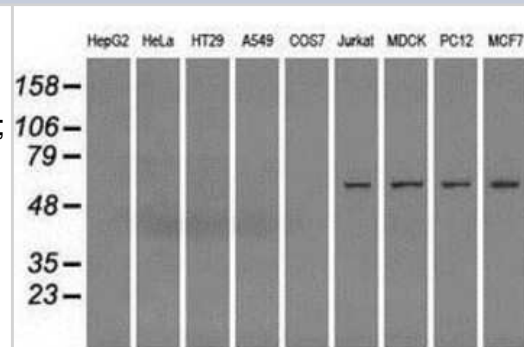
Fumarase Antibody (OT11F10)

Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OT11F10
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.3), 1.0% BSA and 50% Glycerol
Target Molecular Weight	50.2 kDa
Product Description	
Description	Novus Biologicals Mouse Fumarase Antibody (OT11F10) (NBP1-47754) is a monoclonal antibody validated for use in IHC, WB, Flow and ICC/IF. Anti-Fumarase Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	2271
Gene Symbol	FH
Species	Human, Mouse, Rat, Canine
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.
Specificity/Sensitivity	This antibody is specific for Homo sapiens fumarate hydratase (FH), nuclear gene encoding mitochondrial protein.
Immunogen	Full length human recombinant protein of human FH (NP_000134) produced in HEK293T cell.
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000, Flow Cytometry 1:100, Immunohistochemistry 1:50, Immunocytochemistry/ Immunofluorescence 1:100, Immunohistochemistry-Paraffin 1:50

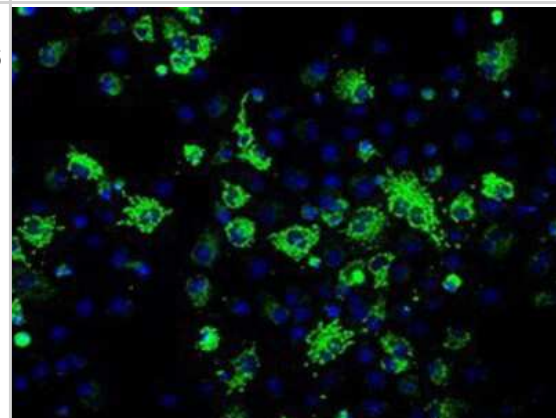


Images

Western Blot: Fumarase Antibody (1F10) [NBP1-47754] Analysis of extracts (35ug) from 9 different cell lines by using anti-Fumarase monoclonal antibody (HepG2: human; HeLa: human; SVT2: mouse; A549: human; COS7: monkey; Jurkat: human; MDCK: canine; PC12: rat; MCF7: human).



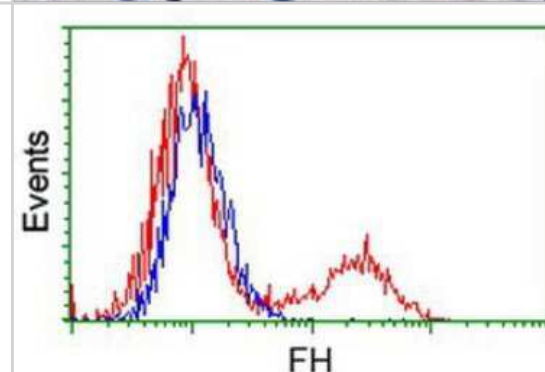
Immunocytochemistry/Immunofluorescence: Fumarase Antibody (1F10) [NBP1-47754] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY Fumarase.



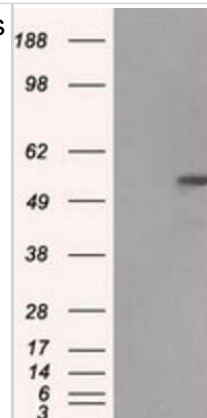
Immunohistochemistry: Fumarase Antibody (OT11F10) [NBP1-47754] - Fumarase Antibody (1F10) [NBP1-47754] - Staining of paraffin-embedded Human colon tissue using anti-Fumarase mouse monoclonal antibody.



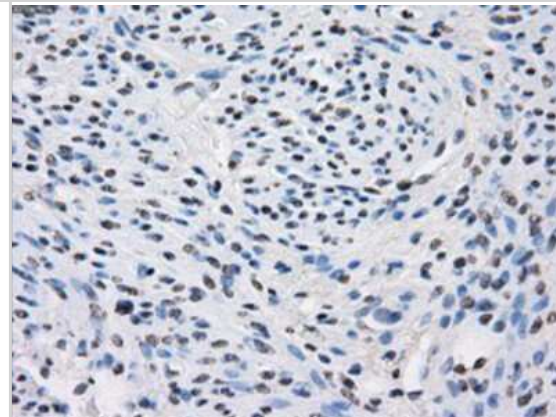
Flow Cytometry: Fumarase Antibody (1F10) [NBP1-47754] - HEK293T cells transfected with either overexpression plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-Fumarase antibody, and then analyzed by flow cytometry.



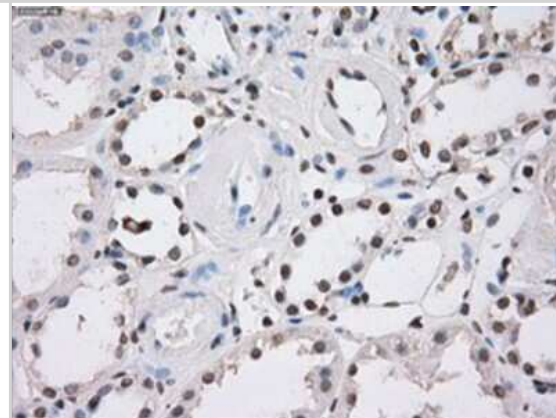
Western Blot: Fumarase Antibody (1F10) [NBP1-47754] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY Fumarase (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-Fumarase.



Immunohistochemistry-Paraffin: Fumarase Antibody (1F10) [NBP1-47754] - Staining of paraffin-embedded Human endometrium tissue using anti-Fumarase mouse monoclonal antibody.



Immunohistochemistry-Paraffin: Fumarase Antibody (1F10) [NBP1-47754] - Staining of paraffin-embedded Human Kidney tissue using anti-Fumarase mouse monoclonal antibody.



Publications

Rodríguez-Rivera C, González-Martín C, Fernández-Millán E et al. Perinatal undernourishment provokes long-lasting alterations of clusterin and fumarate hydratase expression in the rat nucleus accumbens *Nutritional neuroscience* 2021-03-23 [PMID: 33755527] (WB, Rat)



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Products Related to NBP1-47754

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]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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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