

Product Datasheet

HROB Antibody (7A3A9) - BSA Free NBP2-37407

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP2-37407

HROB Antibody (7A3A9) - BSA Free

Product Information

Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	7A3A9
Preservative	0.05% Sodium Azide
Isotype	IgG2b
Purity	Protein G purified
Buffer	PBS
Target Molecular Weight	69.8 kDa

Product Description

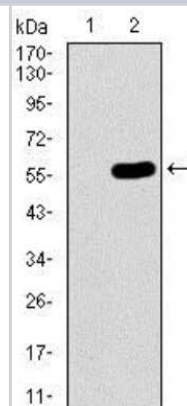
Host	Mouse
Gene ID	78995
Gene Symbol	C17orf53
Species	Human
Immunogen	Purified recombinant fragment of human HROB (AA: 282-527) expressed in E. Coli.

Product Application Details

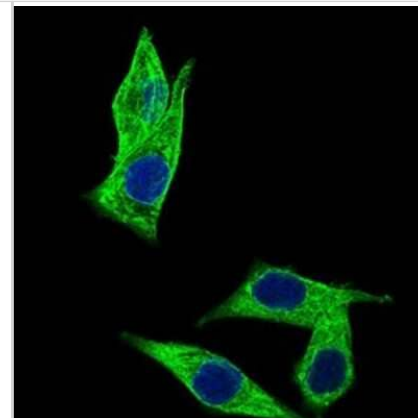
Applications	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, CyTOF-ready
Recommended Dilutions	Western Blot 1:500 - 1:2000, Flow Cytometry 1:200 - 1:400, ELISA 1:10000, Immunocytochemistry/ Immunofluorescence 1:50, CyTOF-ready
Application Notes	This antibody is Cytof ready.

Images

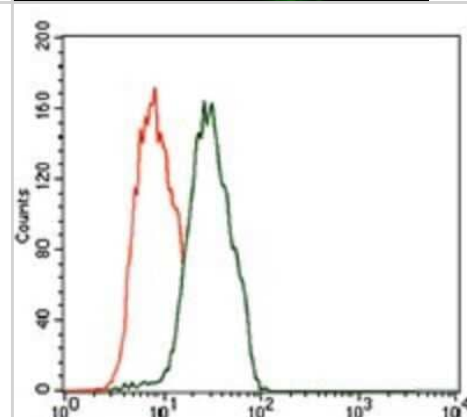
Western Blot: C17orf53 Antibody (7A3A9) [NBP2-37407] - Western blot analysis using C17ORF53 mAb against HEK293 (1) and C17ORF53 (AA: 282-527)-hlgGfC transfected HEK293 (2) cell lysate.



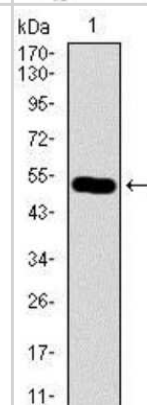
Immunocytochemistry/Immunofluorescence: C17orf53 Antibody (7A3A9) [NBP2-37407] - Immunofluorescence analysis of HepG2 cells using C17ORF53 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye.



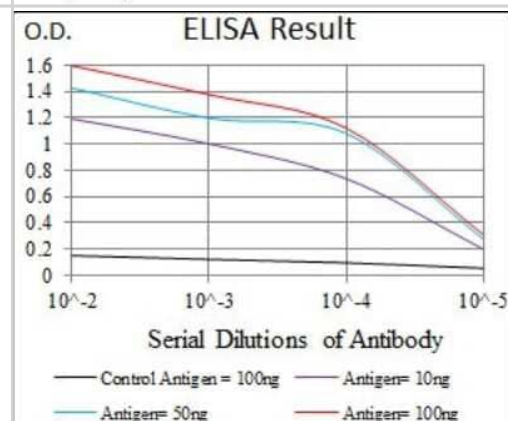
Flow Cytometry: C17orf53 Antibody (7A3A9) [NBP2-37407] - Flow cytometric analysis of Jurkat cells using C17ORF53 mouse mAb (green) and negative control (red).



Western Blot: C17orf53 Antibody (7A3A9) [NBP2-37407] - Western blot analysis using C17ORF53 mAb against human C17ORF53 recombinant protein. (Expected MW is 51.9 kDa)



ELISA: C17orf53 Antibody (7A3A9) [NBP2-37407] - Red: Control Antigen (100ng); Purple: Antigen (10ng); Green: Antigen (50ng); Blue: Antigen (100ng);



Publications

Huang JW, Acharya A, Taglialatela A et al. MCM8IP activates the MCM8-9 helicase to promote DNA synthesis and homologous recombination upon DNA damage Nat Commun 2020-06-11 [PMID: 32528060] (ICC/IF, WB, Human)

Huang JW, Taglialatela A, Acharya A, Leuzzi G Identification of MCM8IP, an interactor of MCM8-9 and RPA1 that promotes homologous recombination and DNA synthesis in response to DNA damage bioRxiv 2019-09-03 (ICC/IF, Human)





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Products Related to NBP2-37407

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP2-27231	Mouse IgG2b Isotype Control (MPC-11)
NBP1-93495PEP	HROB Recombinant Protein Antigen

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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