

Product Datasheet

FKBP52/FKBP4 Antibody (Hi52C) - BSA Free NB110-96874

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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NB110-96874

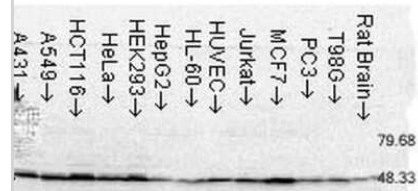
FKBP52/FKBP4 Antibody (Hi52C) - BSA Free

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	Hi52C
Preservative	0.09% Sodium Azide
Isotype	IgG2a
Purity	Protein G purified
Buffer	PBS, 50% Glycerol
Product Description	
Host	Mouse
Gene ID	2288
Gene Symbol	FKBP4
Species	Human, Mouse, Rat, Canine, Hamster
Specificity/Sensitivity	Detects approx 52kDa. Heavy chain migrates close to FKBP52 on SDS PAGE.
Immunogen	Synthetic peptide corresponding to the residues of human FKBP52
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:2000, Immunohistochemistry 1:250, Immunocytochemistry/ Immunofluorescence 1:1000, Immunoprecipitation 5ug, Immunohistochemistry-Paraffin 1:250
Application Notes	0.5 ug/ml was sufficient for detection of FKBP52 in 20 ug total protein using WB by colorimetric immunoblot analysis using Goat Anti-Mouse IgG:HRP as the secondary.FKBP52 Antibody.

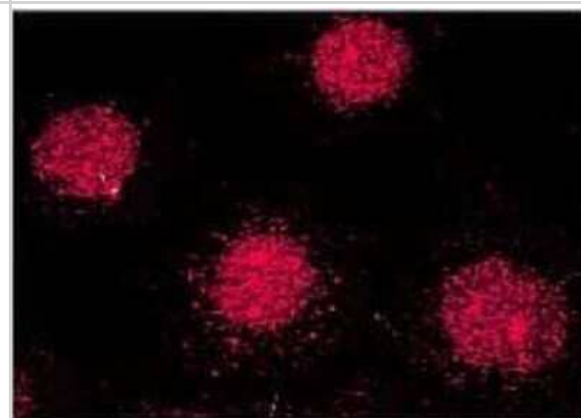


Images

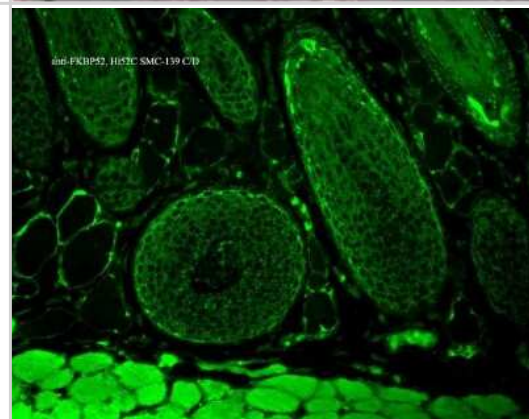
Western Blot: FKBP52/FKBP4 Antibody (Hi52C) [NB110-96874] - Western Blot analysis of Human Cell lysates showing detection of FKBP52/FKBP4 protein using Mouse Anti-FKBP52/FKBP4 Monoclonal Antibody, Clone Hi52C (NB110-96874). Load: 15 ug. Block: 1.5% BSA for 30 minutes at RT. Primary Antibody: Mouse Anti-FKBP52/FKBP4 Monoclonal Antibody (NB110-96874) at 1.5 ug/mL for 2 hours at RT. Secondary Antibody: Sheep Anti-Mouse IgG: HRP for 1 hour at RT.



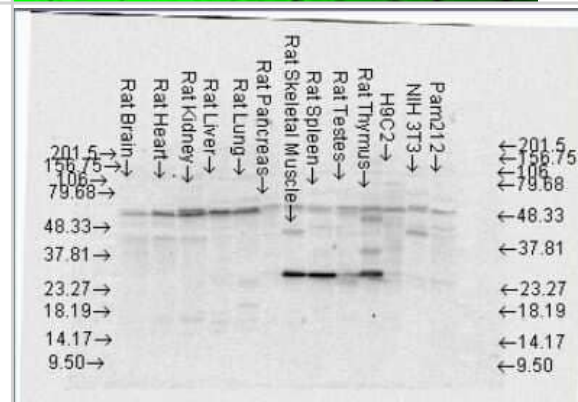
Immunocytochemistry/Immunofluorescence: FKBP52/FKBP4 Antibody (Hi52C) [NB110-96874] - Immunocytochemistry/Immunofluorescence analysis using Mouse Anti-FKBP52/FKBP4 Monoclonal Antibody, Clone Hi52C (NB110-96874). Tissue: MCF-7 cells (metastatic mammary gland/breast cell line). Species: Human. Primary Antibody: Mouse Anti-FKBP52/FKBP4 Monoclonal Antibody (NB110-96874) at 1:1000. Secondary Antibody: APC Goat Anti-Mouse (red). Courtesy of: Tom Ratajczak, Univ. of W. Australia.



Immunohistochemistry: FKBP52/FKBP4 Antibody (Hi52C) [NB110-96874] - Immunohistochemistry analysis using Mouse Anti-FKBP52/FKBP4 Monoclonal Antibody, Clone Hi52C (NB110-96874). Tissue: backskin. Species: Mouse. Fixation: Bouin's Fixative and paraffin-embedded. Primary Antibody: Mouse Anti-FKBP52/FKBP4 Monoclonal Antibody (NB110-96874) at 1:100 for 1 hour at RT. Secondary Antibody: FITC Goat Anti-Mouse (green) at 1:50 for 1 hour at RT. Localization: Epidermis.



Western Blot: FKBP52/FKBP4 Antibody (Hi52C) [NB110-96874] - analysis of Rat Brain, Heart, Kidney, Liver, Pancreas, Skeletal muscle, Spleen, Testes, Thymus cell lysates showing detection of FKBP52 protein using Mouse Anti-FKBP52 Monoclonal Antibody, Clone Hi52C. Load: 15 ug protein. Block: 1.5% BSA for 30 minutes at RT. Primary Antibody: Mouse Anti-FKBP52 Monoclonal Antibody at 1.5 ug/mL for 2 hours at RT. Secondary Antibody: Sheep Anti-Mouse IgG: HRP for 1 hour at RT.



Publications

Kim MJ, Choi GE, Chae CW et al. Melatonin-mediated FKBP4 downregulation protects against stress-induced neuronal mitochondria dysfunctions by blocking nuclear translocation of GR Cell death & disease 2023-02-21 [PMID: 36810730] (IHC, WB, PLA, Human)



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Products Related to NB110-96874

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)
NB110-96874UV	FKBP52/FKBP4 Antibody (Hi52C) [DyLight 350]

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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