

Product Datasheet

eIF2A Antibody (3A7B11) - BSA Free NBP2-26296

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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NBP2-26296

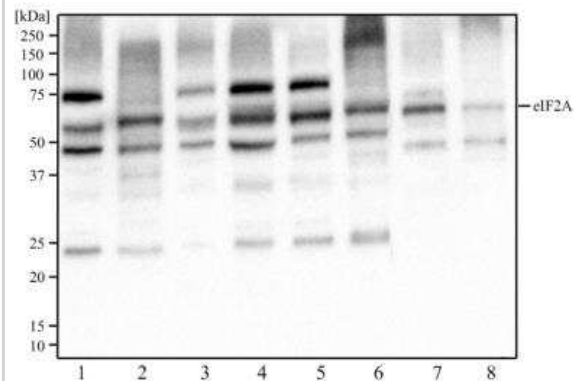
eIF2A Antibody (3A7B11) - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	3A7B11
Preservative	0.05% Sodium Azide
Isotype	IgG1
Purity	Ammonium sulfate precipitation
Buffer	PBS, 0.5% proprietary protein stabilizer
Product Description	
Description	Novus Biologicals Mouse eIF2A Antibody (3A7B11) - BSA Free (NBP2-26296) is a monoclonal antibody validated for use in IHC, WB, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	83939
Gene Symbol	EIF2A
Species	Human
Immunogen	Partial recombinant human EIF2A (between residues 350-585) expressed in E. coli [Uniprot Q9BY44]
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500 - 1:2000, Flow Cytometry 1:200 - 1:400, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin 1:200

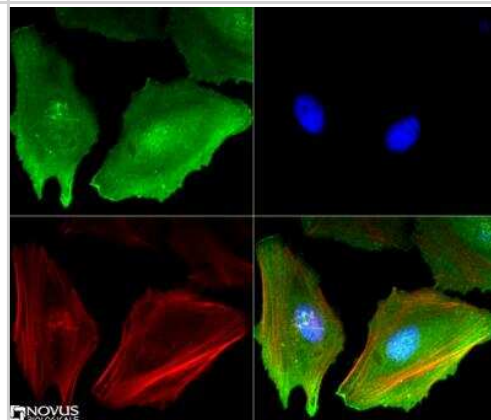


Images

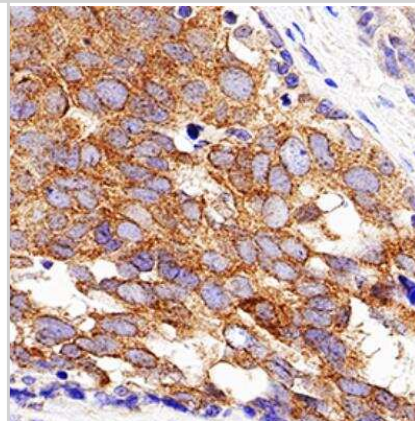
Western Blot: eIF2A Antibody (3A7B11) [NBP2-26296] - Western blot analysis of HeLa (1), NIH3T3 (2), A431 (3), MCF-7 (4), Ntera2 (5), PC12 (6), HepG2 (7), and Cos7 (8) cell lysate using eIF2A antibody at a concentration of 2 ug/ml.



Immunocytochemistry/Immunofluorescence: eIF2A Antibody (3A7B11) [NBP2-26296] - eIF2A antibody (1:50) was tested in HeLa cells with Dylight 488 (green). Nuclei and alpha-tubulin were counterstained with DAPI (blue) and Dylight 550 (red). Image objective 40x.



Immunohistochemistry-Paraffin: eIF2A Antibody (3A7B11) [NBP2-26296] - IHC analysis of formalin fixed paraffin-embedded (FFPE) human breast cancer using eIF2A (3A7B11) antibody at 1:200 on a Bond Rx autostainer (Leica Biosystems). The assay involved 20 minutes of heat induced antigen retrieval (HIER) using 10mM sodium citrate buffer (pH 6.0) and endogenous peroxidase quenching with peroxide block. The sections were incubated with primary antibody for 30 minutes and Bond Polymer Refine Detection (Leica Biosystems) with DAB was used for signal development followed by counterstaining with hematoxylin. Whole slide scanning and capturing of representative images was performed using Aperio AT2 (Leica Biosystems). Cytoplasmic and perinuclear staining was observed. Staining was performed by Histowiz.





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Products Related to NBP2-26296

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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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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