

Product Datasheet

PIAS2 Antibody (1F7) - Azide and BSA Free H00009063-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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H00009063-M01

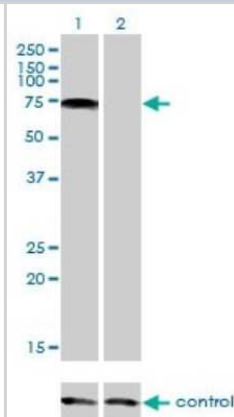
PIAS2 Antibody (1F7) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1F7
Preservative	No Preservative
Isotype	IgG2a Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Novus Biologicals Mouse PIAS2 Antibody (1F7) - Azide and BSA Free (H00009063-M01) is a monoclonal antibody validated for use in WB, ELISA and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	9063
Gene Symbol	PIAS2
Species	Human
Reactivity Notes	Human. Other species not tested.
Specificity/Sensitivity	PIAS2 - protein inhibitor of activated STAT, 2
Immunogen	PIAS2 (NP_004662, 385 a.a. ~ 473 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. CPVCDKKAAYESLILDGLFMEILNDCSDVDEIKFQEDGSWCPMRPKKEAMKVS SQPCTKIESSSVLSKPCSVTVASEASKKKVDVIDLT
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Proximity Ligation Assay, Sandwich ELISA, Knockdown Validated
Recommended Dilutions	Western Blot 1:500, ELISA, Immunocytochemistry/ Immunofluorescence, Proximity Ligation Assay, Sandwich ELISA, Knockdown Validated
Application Notes	Antibody reactive against Recombinant Protein with GST tag on ELISA and Western Blot. GST tag alone is used as a negative control. Has also been used for RNAi validation and immunofluorescence.



Images

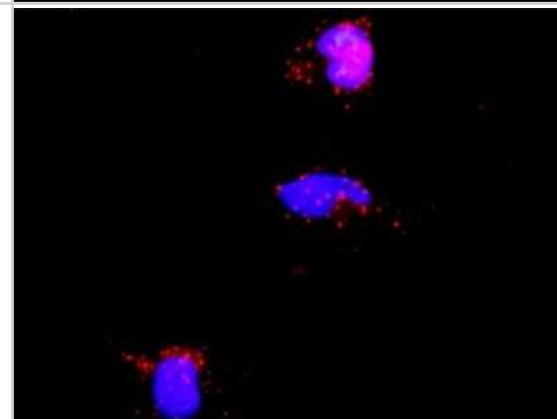
Western Blot: PIAS2 Antibody (1F7) [H00009063-M01] - Analysis of PIAS2 over-expressed 293 cell line, cotransfected with PIAS2 Validated Chimera RNAi (Cat # H00009063-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with PIAS2 monoclonal antibody (M01), clone 1F7 (Cat # H00009063-M01). GAPDH (36.1 kDa) used as specificity and loading control.



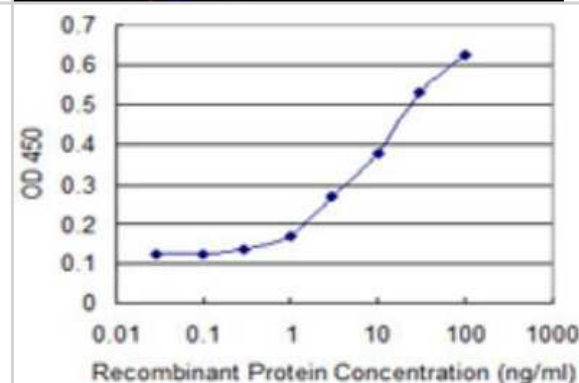
Immunocytochemistry/Immunofluorescence: PIAS2 Antibody (1F7) [H00009063-M01] - Analysis of monoclonal antibody to PIAS2 on HeLa cell . Antibody concentration 10 ug/ml.



Proximity Ligation Assay: PIAS2 Antibody (1F7) [H00009063-M01] - Analysis of protein-protein interactions between TP53 and PIAS2. HeLa cells were stained with anti-TP53 rabbit purified polyclonal 1:1200 and anti-PIAS2 mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).



Sandwich ELISA: PIAS2 Antibody (1F7) [H00009063-M01] - Detection limit for recombinant GST tagged PIAS2 is approximately 0.3ng/ml as a capture antibody.





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Products Related to H00009063-M01

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)
NBP2-49571PEP	PIAS2 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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