

Product Datasheet

IRF1 Antibody AF4715-SP

Unit Size: 25 ug

Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 °C as supplied. 1 month, 2 to 8 °C under sterile conditions after reconstitution. 6 months, -20 to -70 °C under sterile conditions after reconstitution.

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AF4715-SP**IRF1 Antibody**

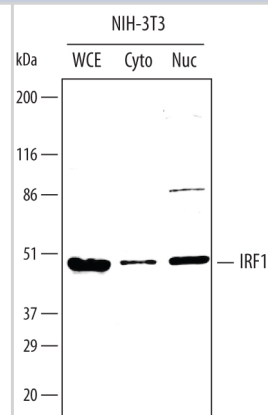
Product Information	
Unit Size	25 ug
Concentration	LYOPH mg/ml
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 °C as supplied. 1 month, 2 to 8 °C under sterile conditions after reconstitution. 6 months, -20 to -70 °C under sterile conditions after reconstitution.
Clonality	Polyclonal
Preservative	No Preservative
Reconstitution Instructions	Reconstitute at 0.2 mg/mL in sterile PBS.
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. *Small pack size (SP) is supplied as a 0.2 µm filtered solution in PBS.

Product Description	
Host	Goat
Gene ID	3659
Gene Symbol	IRF1
Species	Mouse
Specificity/Sensitivity	Detects mouse IRF1 in Western blots.
Immunogen	<i>E. coli</i> -derived recombinant mouse IRF1 Thr147-Pro329 Accession # P15314
Notes	This product is produced by and ships from R&D Systems, Inc., a Bio-Techne brand.

Product Application Details	
Applications	Western Blot
Recommended Dilutions	Western Blot 1 ug/mL

Images

Western blot shows lysates of NIH-3T3 mouse embryonic fibroblast cell line. Gels were loaded with 30 µg of whole cell lysate (WCL), 20 µg of cytoplasmic (Cyto), and 10 µg of nuclear extracts (Nuc). PVDF membrane was probed with 1 µg/mL Mouse IRF1 Antigen Affinity-purified Polyclonal Antibody (Catalog # AF4715) followed by HRP-conjugated Anti-Goat IgG Secondary Antibody (Catalog # [HAF017](#)). A specific band for IRF1 was detected at approximately 50 kDa (as indicated). This experiment was conducted under reducing conditions and using [Immunoblot Buffer Group 1](#).



Publications

Mancuso G, Gambuzza M, Midiri A, Biondo C, Papasergi S, Akira S, Teti G, Beninati C Bacterial recognition by TLR7 in the lysosomes of conventional dendritic cells. Nat. Immunol., 2009;10(6):587-94. 2009 [PMID: 19430477] (ICC, , Mouse)



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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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