

Product datasheet for **AM20905PU-N**

IRAK (IRAK1) Mouse Monoclonal Antibody [Clone ID: 3A9]

Product data:

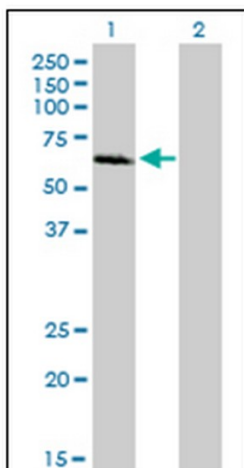
Product Type:	Primary Antibodies
Clone Name:	3A9
Applications:	ELISA, IF, IHC, IP, RNAi, WB
Recommended Dilution:	ELISA. Immunofluorescence: 10 µg/ml. Immunohistochemistry on Paraffin Sections: 5 µg/ml. Immunoprecipitation. RNAi. Western Blot.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Recombinant protein, IRAK1 (AAH54000, 530 a.a. ~ 693 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Specificity:	This antibody reacts to Interleukin 1 Receptor-Associated Kinase 1 (IRAK1).
Formulation:	PBS, pH 7.2 State: Liquid purified Ig fraction
Purification:	Protein A Chromatography
Conjugation:	Unconjugated
Storage:	Store the antibody at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	interleukin 1 receptor associated kinase 1
Database Link:	Entrez Gene 3654 Human P51617
Synonyms:	IRAK-1, IRAK
Protein Families:	Druggable Genome, Protein Kinase, Transcription Factors



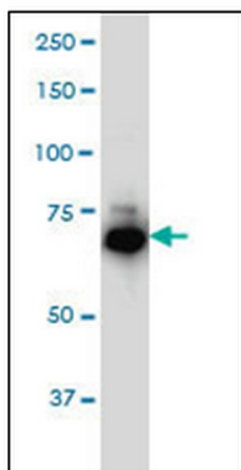
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Protein Pathways: Apoptosis, Neurotrophin signaling pathway, Toll-like receptor signaling pathway

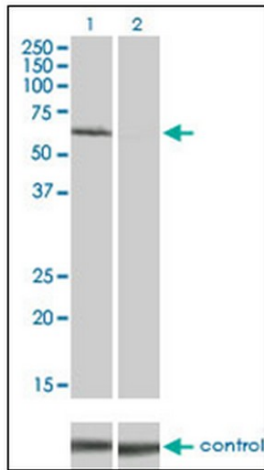
Product images:



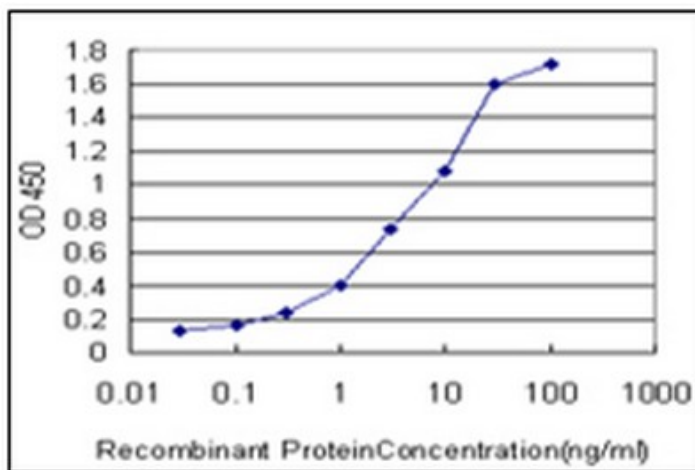
Western Blot analysis of IRAK1 expression in transfected 293T cell line by IRAK1 monoclonal antibody clone 3A9.



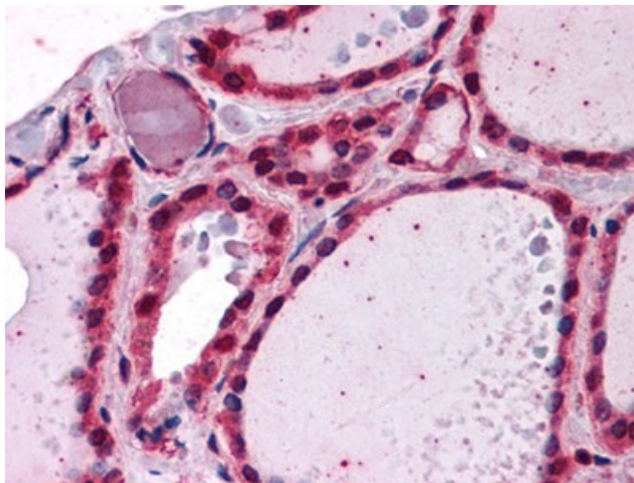
IRAK1 monoclonal antibody clone 3A9 Western Blot analysis of IRAK1 expression in A-431.



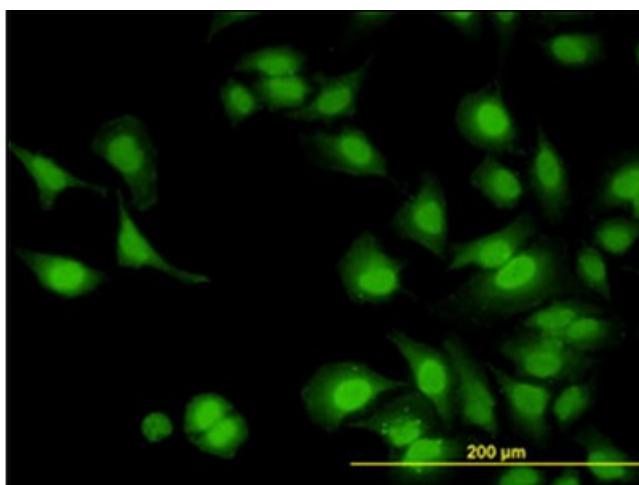
WB analysis of IRAK1 over-expressed 293 cell line, cotransfected with IRAK1 Validated Chimera RNAi (Lane 2) or non-transfected control (Lane 1). Blot probed with IRAK1 MAb clone 3A9. GAPDH (36.1 kD) used as specificity and loading ctrl.



Detection limit for recombinant GST tagged IRAK1 is approximately 0.03 ng/ml as a capture antibody.



Human Thyroid: Formalin-Fixed, Paraffin-Embedded (FFPE)



Immunofluorescence of monoclonal antibody to IRAK1 on HeLa cell (antibody concentration 10 ug/ml).