

Product datasheet for **AM32425AF-N**

IL24 Mouse Monoclonal Antibody [Clone ID: B-C54]

Product data:

Product Type:	Primary Antibodies
Clone Name:	B-C54
Applications:	ELISA
Recommended Dilution:	ELISA.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Recombinant Human IL-24. Myeloma X63/AG.8653 x Balb/c node cells.
Specificity:	This Monoclonal antibody recognises both natural and recombinant Human IL-24 (Interleukin-24) also known as MDA-7 or TH2-specific cytokine FISP.
Formulation:	PBS without carriers and preservatives State: Azide Free State: Liquid purified (0.2 µm sterile filtered) IgG fraction
Concentration:	lot specific
Purification:	Ion Exchange Chromatography
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C.
Stability:	Shelf life: one year from despatch.
Gene Name:	interleukin 24
Database Link:	Entrez Gene 11009 Human Q13007



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Background:

Interleukin 24 (IL-24)/melanoma differentiation-associated gene-7 (mda-7) encodes a secreted protein that exhibits significant homology to the interleukin 10 (IL-10) family of cytokines. The human IL-24 is secreted by activated peripheral blood mononuclear cells and binds two heterodimeric receptors, IL-22R1/IL-20R2 and IL-20R1/IL-20R2 resulting in the activation of JAK/STAT signaling pathways. Mda-7/IL-24, selectively induces growth suppression, apoptosis and radiosensitization in malignant gliomas in a p53-independent manner.

Synonyms:

IL-24, MDA7, ST16