

Product datasheet for **TA500204AM**

IL3 Mouse Monoclonal Antibody (Biotin conjugated) [Clone ID: OTI5G7H9]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI5G7H9
Applications:	WB
Recommended Dilution:	WB 1:1000
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Recombinant protein expressed in E.coli corresponding to amino acids 20-152 of human IL-3
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	0.5 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Biotin
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	17.2 kDa
Gene Name:	interleukin 3
Database Link:	NP_000579 Entrez Gene 3562 Human P08700
Background:	The protein encoded by IL-3 is a potent growth promoting cytokine. This cytokine is capable of supporting the proliferation of a broad range of hematopoietic cell types. It is involved in a variety of cell activities such as cell growth, differentiation and apoptosis. This cytokine has been shown to also possess neurotrophic activity, and it may be associated with neurologic disorders.
Synonyms:	IL-3; MCGF; MULTI-CSF

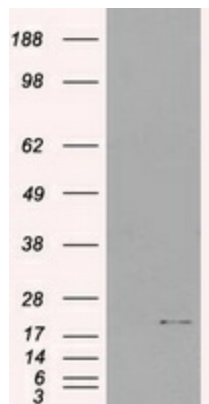


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Protein Families: Druggable Genome, Secreted Protein

Protein Pathways: Apoptosis, Asthma, Cytokine-cytokine receptor interaction, Fc epsilon RI signaling pathway, Hematopoietic cell lineage, Jak-STAT signaling pathway

Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY IL-3 ([RC210109], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-IL-3. Positive lysates [LY424621] (100ug) and [LC424621] (20ug) can be purchased separately from OriGene.