

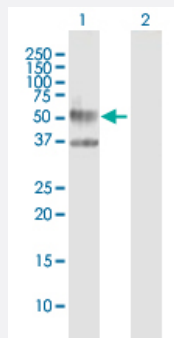
MaxPab®

IL3RA purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00003563-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of IL3RA expression in transfected 293T cell line ([H00003563-T01](#)) by IL3RA MaxPab polyclonal antibody.

Lane 1: IL3RA transfected lysate(43.30 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human IL3RA protein.
Immunogen	IL3RA (NP_002174.1, 1 a.a. ~ 378 a.a) full-length human protein.
Sequence	MVLLWL TLLIALLPCLLQTKEDPNPPITNLRMKAKAQQLTWDLNLRNVTDIECVKDADYSMPAVNNS YCQFGAISLCEVTNYTVRVANPPFSTWILFPENSGKPWAGAENLTCWIHDVDFLSCSWAVGPGA PADVQYDLYLNVANRRQQYECLHYKTDAAQGTGRIGCRFDDISRLSSGSQSSHILVRGRSAAFIPCT DKFVVFSQIEILTPPNMTAKCNKTHSFMHWKMRSHFNKFRYELQIQKRMQPVITEQVRDRTSFQL LNPPTYTVQIRARERVYEFLSAWSTPQRFECQEEGANTRAWRTSLIALGTLLALVCVFVICRRYL VMQRLFPRIPHMKDPIGDSFQNDKLVVWEAGKAGLEECLVTEVQVVQKT
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (31); Rat (31)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

Gene Info — IL3RA

Entrez GeneID [3563](#)

GeneBank Accession# [NM_002183.2](#)

Protein Accession# [NP_002174.1](#)

Gene Name IL3RA

Gene Alias CD123, IL3R, IL3RAY, IL3RX, IL3RY, MGC34174, hIL-3Ra

Gene Description interleukin 3 receptor, alpha (low affinity)

Omim ID [308385 430000](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene is an interleukin 3 specific subunit of a heterodimeric cytokine receptor. The receptor is comprised of a ligand specific alpha subunit and a signal transducing beta subunit shared by the receptors for interleukin 3 (IL3), colony stimulating factor 2 (CSF2/GM-CSF), and interleukin 5 (IL5). The binding of this protein to IL3 depends on the beta subunit. The beta subunit is activated by the ligand binding, and is required for the biological activities of IL3. This gene and the gene encoding the colony stimulating factor 2 receptor alpha chain (CSF2RA) form a cytokine receptor gene cluster in a X-Y pseudoautosomal region on chromosomes X or Y. [provided by RefSeq]

Other Designations CD123 antigen|Interleukin-3 receptor|OTTHUMP00000022828|interleukin 3 receptor, alpha

Pathway

- [Apoptosis](#)
- [Cytokine-cytokine receptor interaction](#)
- [Hematopoietic cell lineage](#)
- [Jak-STAT signaling pathway](#)

Disease

- [Chorioamnionitis](#)
- [Fetal Membranes](#)
- [Genetic Predisposition to Disease](#)
- [Obstetric Labor](#)
- [Pre-Eclampsia](#)
- [Premature Birth](#)
- [Schizophrenia](#)
- [Thyroid Neoplasms](#)