

## Product datasheet for **CF807875**

### IL3RB (CSF2RB) Mouse Monoclonal Antibody [Clone ID: OTI1G5]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI1G5
Applications:	IHC
Recommended Dilution:	IHC 1:150
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human CSF2RB (NP_000386) produced in HEK293T cell.
Formulation:	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
Reconstitution Method:	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	95.7 kDa
Gene Name:	colony stimulating factor 2 receptor subunit beta
Database Link:	<a href="#">NP_000386</a> <a href="#">Entrez Gene 1439 Human</a> <a href="#">P32927</a>
Background:	The protein encoded by this gene is the common beta chain of the high affinity receptor for IL-3, IL-5 and CSF. Defects in this gene have been reported to be associated with protein alveolar proteinosis (PAP). [provided by RefSeq, Jul 2008]



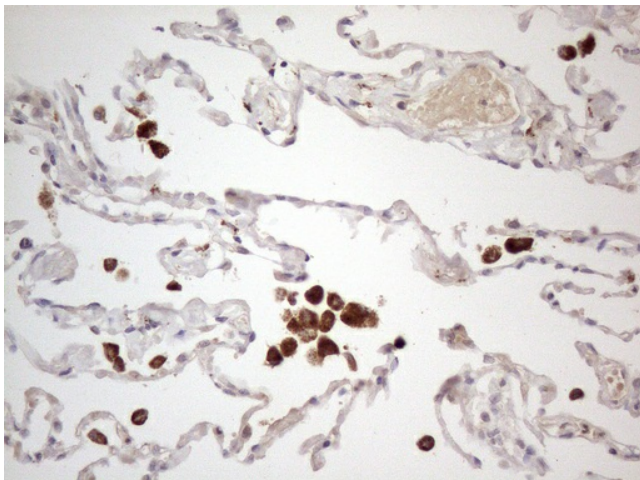
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**Synonyms:** CD131; CDw131; IL3RB; IL5RB; SMDP5

**Protein Families:** Druggable Genome, Transmembrane

**Protein Pathways:** Apoptosis, Cytokine-cytokine receptor interaction, Jak-STAT signaling pathway

**Product images:**



Immunohistochemical staining of paraffin-embedded Human lung tissue within the normal limits using anti-CSF2RB mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, [TA807875]) (1:150)