

Product datasheet for **TA807897**

IL3RB (CSF2RB) Mouse Monoclonal Antibody [Clone ID: OTI4H3]

Product data:

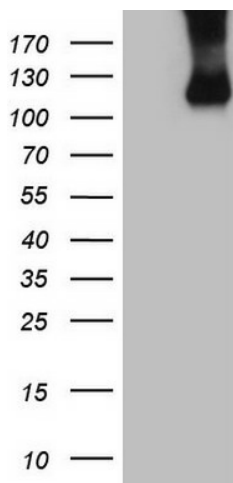
Product Type:	Primary Antibodies
Clone Name:	OTI4H3
Applications:	IHC, WB
Recommended Dilution:	WB 1:2000, IHC 1:150
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human CSF2RB (NP_000386) produced in HEK293T cell.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	1 mg/ml
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 beta common subunit
Database Link:	NP_000386 Entrez Gene 1439 Human P32927
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]
Synonyms:	CD131; CDw131; IL3RB; IL5RB; SMDP5
Protein Families:	Druggable Genome, Transmembrane



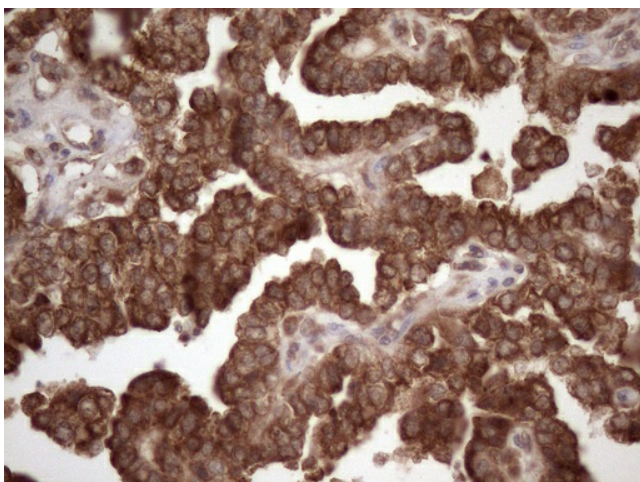
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Protein Pathways: Apoptosis, Cytokine-cytokine receptor interaction, Jak-STAT signaling pathway

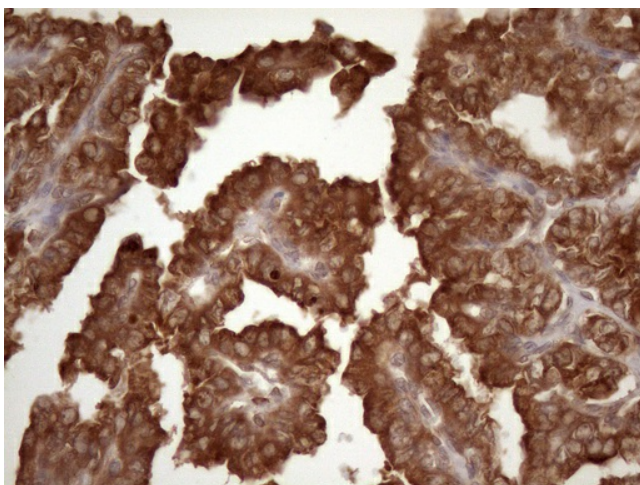
Product images:



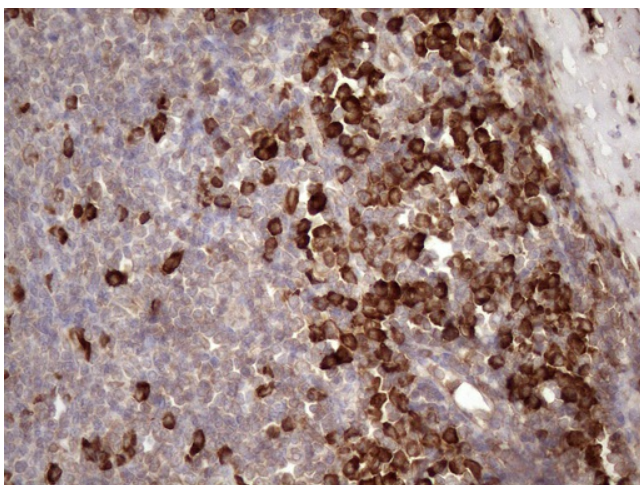
HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY CSF2RB (Cat# [RC218581], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-CSF2RB (Cat# TA807897)(1:2000). Positive lysates [LY424744] (100ug) and [LC424744] (20ug) can be purchased separately from OriGene.



Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-CSF2RB mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, TA807897) (1:150)



Immunohistochemical staining of paraffin-embedded Carcinoma of Human thyroid tissue using anti-CSF2RB mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, TA807897) (1:150)



Immunohistochemical staining of paraffin-embedded Human tonsil 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, TA807897) (1:150)