

Product datasheet for **TA807896M**

IL3RB (CSF2RB) Mouse Monoclonal Antibody [Clone ID: OTI7A4]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI7A4
Applications:	IHC, WB
Recommended Dilution:	WB 1:2000, IHC 1:150
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2a
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
Synonyms:	CD131; CDw131; IL3RB; IL5RB; SMDP5
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	Apoptosis, Cytokine-cytokine receptor interaction, Jak-STAT signaling pathway



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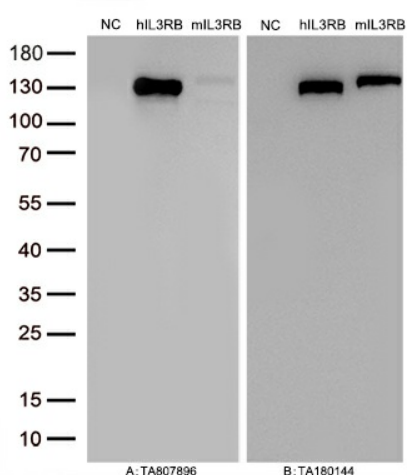
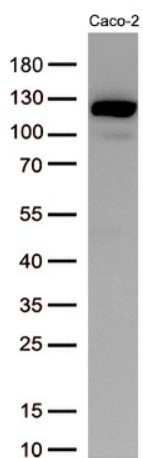
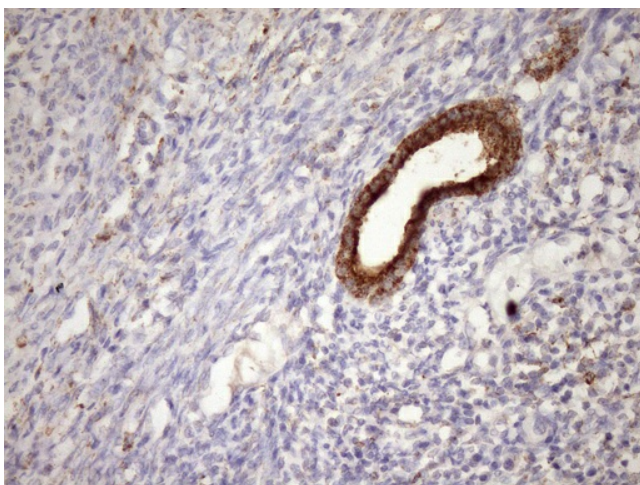
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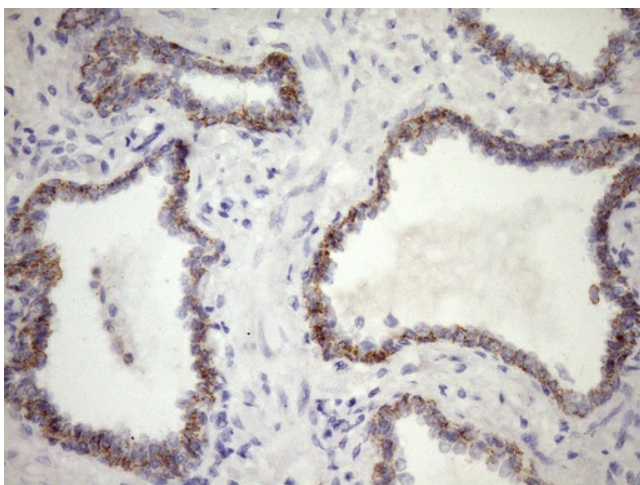
Figure A, Western blot analysis of overexpressed lysates (25ug per lane) from HEK293T cells transfected with empty plasmid ([PS100001], NC), human IL3RB plasmid ([RC218581], hIL3RB), mouse IL3RB plasmid ([MR226890], mL3RB) using anti-IL3RB antibody [TA807896] (1:5000@1mg/ml). Figure B, Western blot analysis of the same samples as figure A with anti-DDK antibody ([TA180144], 1:5000@1mg/ml).



Western blot analysis of extracts (50ug per lane) from CaCo-2 lysate by using anti-IL3RB antibody ([TA807896], 1:2000@1mg/ml).



Immunohistochemical staining of paraffin-embedded Carcinoma of Human pancreas tissue using anti-CSF2RB mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



Immunohistochemical staining of paraffin-embedded Carcinoma of Human prostate tissue using anti-CSF2RB mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.