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Product datasheet for TA337166

EBI3 Mouse Monoclonal Antibody [Clone ID: 15k8D10]

Product data:

Product Type:	Primary Antibodies
Clone Name:	15k8D10
Applications:	ICC/IF, IHC, WB
Recommended Dilution:	Immunohistochemistry-Paraffin: 5ug/ml, Western Blot: 3-5ug/ml~, Tissue Culture Substratum, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1, kappa
Clonality:	Monoclonal
Immunogen:	A full-length human Interleukin-35-Fc fusion protein was used as immunogen for this antibody.
Formulation:	PBS containing 0.05% BSA, 0.05% Sodium Azide. Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Concentration:	lot specific
Purification:	Protein G purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	Epstein-Barr virus induced 3
Database Link:	NP_005746 Entrez Gene 10148 Human Q14213
Background:	IL-35 is a novel heterodimeric cytokine composed of the IL-12p35 subunit and the Epstein-Barr virus-induced gene 3 (EBI3) protein. As one of the IL-12 family members, IL-35 is known to play an essential role in immune regulation of the CD4+CD25+ regulatory T (Treg) cells, from which IL-35 is also specifically produced. IL-35 is able to expand CD4+CD25+ Treg cells whereas it can inhibit proliferation of CD4+CD25- effector T (Teff) cells and development of proinflammatory Th17 cells, suppressing inflammatory responses.

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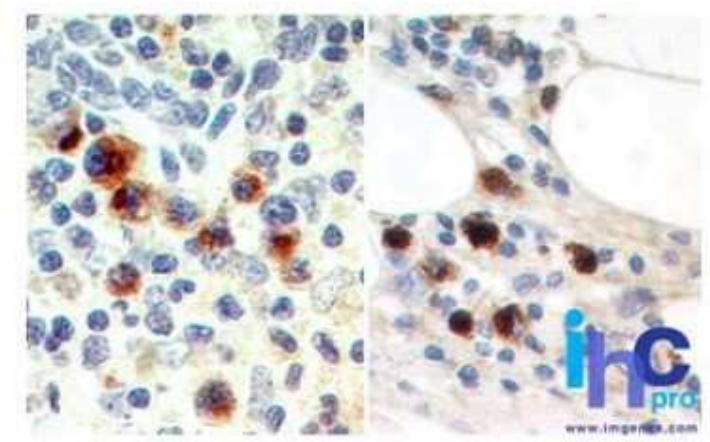
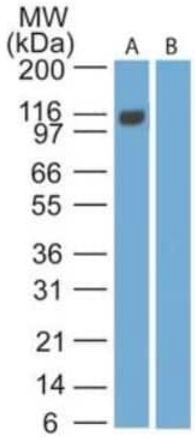
Synonyms: IL-27B; IL27B

Protein Families: Druggable Genome, Secreted Protein

Product images:



Immunohistochemistry-Paraffin: EBI3 Antibody (15k8D10) TA337166 - Formalin-fixed, paraffin-embedded human spleen (left) and lymph node metastatic malignant melanoma (right) stained with IL-35 antibody (5 ug/ml) using peroxidase-conjugate and DAB chromogen.



Western Blot: EBI3 Antibody (15k8D10) TA337166 - Analysis of IL-35-Fc protein (A) and human Fc (B) using IL-35 antibody at 4ug/ml.