10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

IL31 Antibody (Internal)
Rabbit Polyclonal Antibody
Catalog # ALS11465

Specification

IL31 Antibody (Internal) - Product Information

Application	**IF**
Primary Accession	Q6EBC2
Reactivity	**Human, Mouse**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**18kDa KDa**

IL31 Antibody (Internal) - Additional Information

Gene ID 386653

Other Names
Interleukin-31, IL-31, IL31

Target/Specificity
18 amino acid peptide from near the center of human IL-31

Reconstitution & Storage
Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Store undiluted.

Precautions
IL31 Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

IL31 Antibody (Internal) - Protein Information

Name IL31

Function
Activates STAT3 and possibly STAT1 and STAT5 through the IL31 heterodimeric receptor composed of IL31RA and OSMR (PubMed:15184896). May function in skin immunity (PubMed:15184896). Enhances myeloid progenitor cell survival in vitro (By similarity). Induces RETNLA and serum amyloid A protein expression in macrophages (By similarity).

Cellular Location
Secreted.

Tissue Location
Detected at low levels in testis, bone marrow, skeletal muscle, kidney, colon, thymus, small intestine and trachea

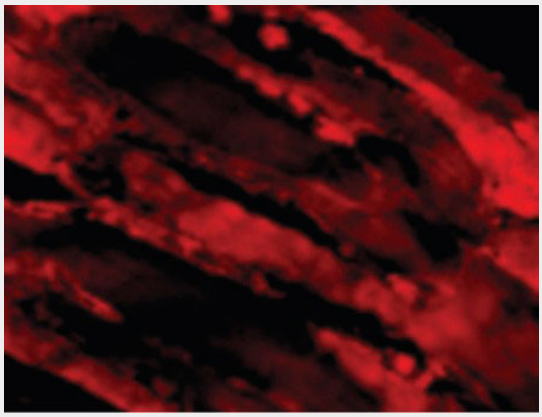
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IL31 Antibody (Internal) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

IL31 Antibody (Internal) - Images



Immunofluorescence of IL-31 in Human Skeletal Muscle cells with IL-31 antibody at 20 ug/ml.

IL31 Antibody (Internal) - Background

Activates STAT3 and possibly STAT1 and STAT5 through the IL31 heterodimeric receptor composed of IL31RA and OSMR. IL31 may function in skin immunity.

IL31 Antibody (Internal) - References

Dillon S.R.,et al.Nat. Immunol. 5:752-760(2004).
Bilsborough J.,et al.J. Allergy Clin. Immunol. 117:418-425(2006).
Neis M.M.,et al.J. Allergy Clin. Immunol. 118:930-937(2006).