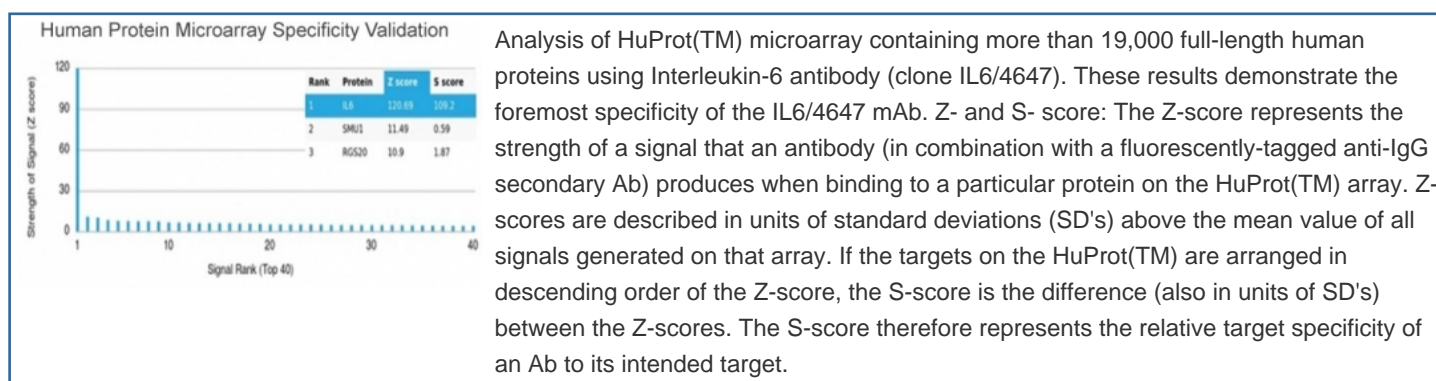


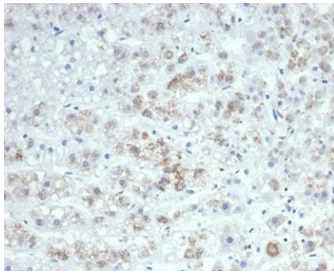
Interleukin-6 Antibody [clone IL6/4647] (V4027)

Catalog No.	Formulation	Size
V4027-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V4027-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V4027SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

[Bulk quote request](#)

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	IL6/4647
Purity	Protein A/G affinity
UniProt	P05231
Localization	Cytoplasm, extracellular
Applications	Immunohistochemistry (FFPE) : 1-2ug/ml
Limitations	This Interleukin-6 antibody is available for research use only.





IHC staining of FFPE human adrenal gland tissue with IL-6 antibody (clone IL6/4647) at 2ug/ml. HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.

Description

IL-6 is a potent lymphoid cell growth factor that stimulates the growth and survivability of certain B-cells and T-cells. It plays a critical role in B-cell differentiation to plasma cells and is a potent growth factor for plasmacytoma and myeloma. IL-6 is produced by a variety of cell types, including monocytes, fibroblasts and endothelial cells. Upon stimulation, macrophages, T, B, mast, and glial cells, eosinophils, keratinocytes and granulocytes also secrete IL-6. It is involved in host defense, acute phase reactions, immune responses, and hematopoiesis.

Application Notes

Optimal dilution of the Interleukin-6 antibody should be determined by the researcher.

Immunogen

A portion of amino acids 1-200 from the human IL-6 protein was used as the immunogen for the Interleukin-6 antibody.

Storage

Aliquot the Interleukin-6 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.