IL20RA (Interleukin 20 Receptor Subunit Alpha) Antibody

Mouse Monoclonal Antibody [Clone IL20RA/1752]

Catalog No	Format	Size
53832-MSM2-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
53832-MSM2-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
53832-MSM2-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

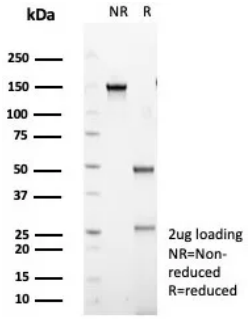
Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes

Product Details

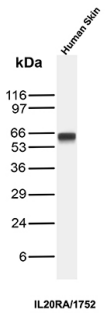
Clone	IL20RA/1752
Gene Name	IL20RA
Immunogen	Recombinant fragment (around aa1-200) of human IL20RA protein (exact sequence is proprietary)
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG2 / Kappa
Mol. Weight of Antigen	90-100kDa
Cellular Localization	Cell surface.
Species Reactivity	Human
Positive Control	brain or psoriatic skin.|Human skin|testis

**Optimal dilution for a specific application should be determined.*

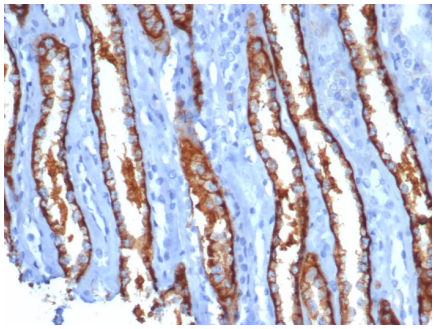
Product Images for IL20RA (Interleukin 20 Receptor Subunit Alpha) Antibody



SDS-PAGE Analysis of Purified IL20RA Mouse Monoclonal Antibody (IL20RA/1752). Confirmation of Purity and Integrity of Antibody.



Western blot analysis of human skin tissue lysates using IL20RA Mouse Monoclonal Antibody (IL20RA/1752).



Formalin-fixed, paraffin-embedded human kidney stained with IL20RA Mouse Monoclonal Antibody (IL20RA/1752). HIER: Tris/EDTA, pH9.0, 45min. 2°C: HRP-polymer, 30min. DAB, 5min.

Specificity & Comments

The class II cytokine receptor family includes 12 members, 11 of which combine as various heterodimers to transduce signals across the cellular membrane for 27 cytokines. These cytokines are divided into four structurally related groups: six cytokines of the IL-10 family, 17 type I IFNs, one type II IFN and three IFN-l. IL-20 is a member of the IL-10 family of cytokines that has been shown to be upregulated in psoriatic skin. The receptor for IL-20 (IL-20R) exists as a dimer consisting of IL-20Ra and IL-20Rb. IL-20R also functions as a receptor for IL-19, IL-24 and IL-26. It is highly expressed in skin, brain and testis. IL-20, IL-20Ra and IL-20Rb all have higher expression levels in psoriatic lesional (LS) skin than in nonlesional (NL) skin, suggesting a role for these proteins as potential therapeutic targets. IL-20 can induce signal transducer and activator of transcription (Stat) activation through IL-20R.

Supplied As

200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C.Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Research Areas

AKT Signaling, Cytokine Signaling, Immunology

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.