

IL 18 Rabbit mAb

Catalog No: #52365

Package Size: #52365-1 50ul #52365-2 100ul

Orders: order@signalwayantibody.com

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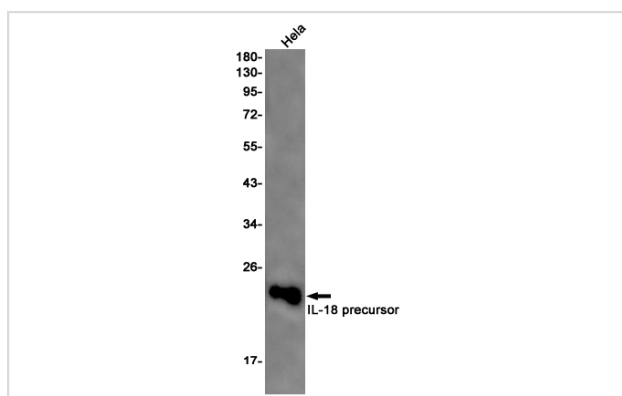
Description

Product Name	IL 18 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	S02-8B2
Isotype	Rabbit IgG
Purification	Affinity Purified
Applications	WB IHC
Species Reactivity	Human
Immunogen Description	Recombinant protein of human IL18
Conjugates	Unconjugated
Modification	Unmodification
Other Names	IGIF; IL-18; IL-1g; IL1F4
Accession No.	Swiss-Prot:Q14116GeneID:3606
Uniprot	Q14116
GeneID	3606
Calculated MW	Calculated MW: 22 kDa; Observed MW: 17 kDa
Concentration	0.3 mg/ml
Formulation	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

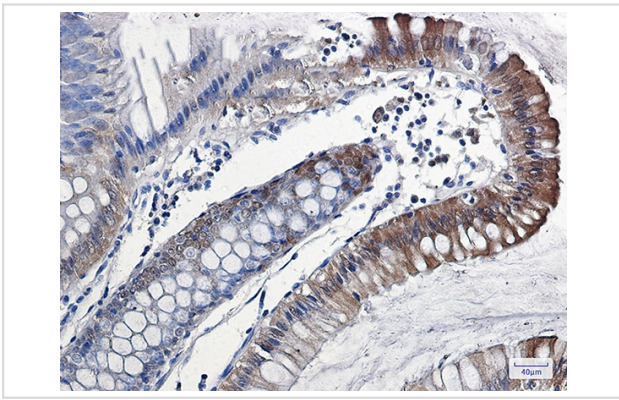
Application Details

WB: 1/1000; IHC: 1/200;

Images



Western blot detection of IL18 in HeLa cell lysates using IL18 Rabbit mAb(1:1000 diluted).Predicted band size:22kDa.Observed band size:17kDa.



Immunohistochemistry of IL-18 in paraffin-embedded Human colon cancer tissue using IL-18 Rabbit mAb at dilution 1/50

Background

Swiss-Prot Acc.Q14116. A proinflammatory cytokine primarily involved in polarized T-helper 1 (Th1) cell and natural killer (NK) cell immune responses (Probable). Upon binding to IL18R1 and IL18RAP, forms a signaling ternary complex which activates NF-kappa-B, triggering synthesis of inflammatory mediators (PubMed:14528293, PubMed:25500532). Synergizes with IL12/interleukin-12 to induce IFNG synthesis from T-helper 1 (Th1) cells and natural killer (NK) cells (Probable) (PubMed:10653850).

Note: This product is for in vitro research use only