SunLong Biotech Co.,LTD
Tel: 0086-571-56623320 Fax:0086-571-56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

[Primary Antibody]

Rabbit Anti-IL13RA2 antibody

Catalog Number: SL22785R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	IL13RA2
Immunogen:	KLH conjugated synthetic peptide derived from mouse IL-13Ra2 : 21-120/383
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB=1:500-2000 IHC-P=1:100-500 IHC-F=1:100-500 IF=1:100-500 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Human(predicted:Mouse,Rat)
Predicted MW.:	41kDa
Subcellular Location:	The cell membrane
Background:	This protein is closely related to IL13RA1, a subunit of the interleukin 13 receptor complex. This protein binds IL13 with high affinity, but lacks cytoplasmic domain, and does not appear to function as a signal mediator. It is reported to play a role in the internalization of IL13. **Function:** Binds as a monomer with high affinity to interleukin-13 (IL13), but not to interleukin-4 (IL4). **Subcellular Location:** Membrane; Single-pass type I membrane protein. **Similarity:** Belongs to the type I cytokine receptor family. Type 5 subfamily. **Database links:** **Entrez Gene:** 3598 Human Omim: 300130 Human **SwissProt:** Q14627 Human

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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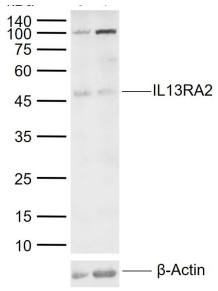
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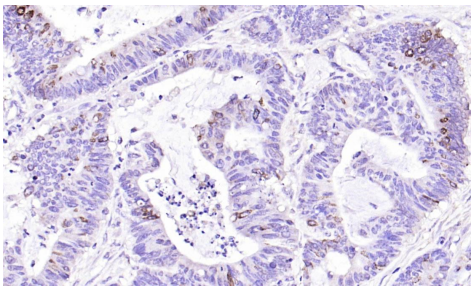
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	Unigene: 336046 Human

[VALIDATION IMAGES]





Sample:
Lane 1: Human U251 cell lysates
Lane 2: Human HeLa cell lysates
Primary: Anti-IL13RA2 (SL22785R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 41 kDa
Observed band size: 46 kDa

Paraformaldehyde-fixed, paraffin embedded (human colon carcinoma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (IL-13Ra2) Polyclonal Antibody, Unconjugated (SL22785R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.

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