

Product Datasheet

IL13RA1 Recombinant Rabbit Monoclonal Antibody (orb704329)

Description	IL13RA1 Recombinant Rabbit Monoclonal Antibody
Species/Host	Rabbit
Reactivity	Human
Conjugation	Unconjugated
Tested Applications	IF, IHC-Fr, IHC-P, WB
Immunogen	Recombinant human IL-13Ra1
Target	IL13RA1
Preservatives	0.01M TBS (pH7.4) with 1% rAlbumin, 0.02% Proclin300 and 50% Glycerol.
Form/Appearance	Liquid
Concentration	1mg/ml
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Isotype	IgG
Clonality	Recombinant
Clone Number	1C1
Antibody Type	Recombinant Antibody
MW	47 kDa

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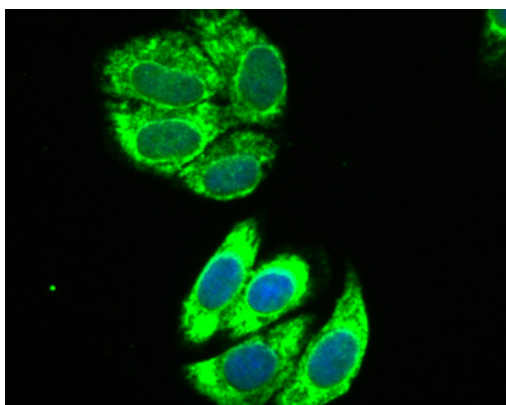
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Uniprot ID**P78552****Dilution Range**

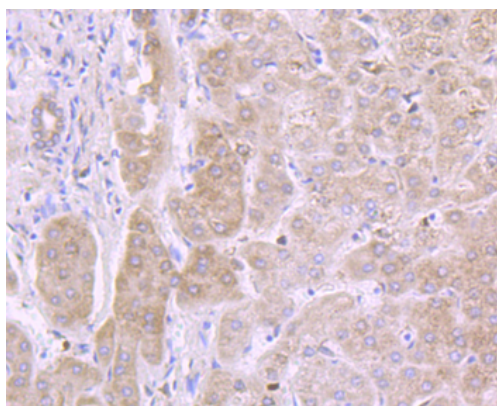
WB=1:500-2000, IHC-P=1:100-500, IHC-F=1:100-500, IF=1:100-500

Expiration Date

12 months from date of receipt.



ICC staining of IL13 Receptor alpha 1 in HepG2 cells (green). Formalin fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 10 minutes at room temperature and blocked with 1% Blocker BSA for 15 minutes at room temperature. Cells were probed with the primary antibody (orb704329, 1/100) for 1 hour at room temperature, washed with PBS. Alexa Fluor®488 Goat anti-Rabbit IgG was used as the secondary antibody at 1/1000 dilution. The nuclear counter stain is DAPI (blue).



Immunohistochemical analysis of paraffin-embedded human liver tissue using anti-IL13 Receptor alpha 1 antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH8.0-8.4) for 20 minutes. The tissues were blocked in 5% BSA for 30 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the primary antibody (orb704329, 1/50) for 30 minutes at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



Western blot analysis of IL13 Receptor alpha 1 on HepG2 cell lysates. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody (orb704329, 1/500) was used in 5% BSA at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:200000 dilution was used for 1 hour at room temperature.

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