

CD213a2/IL-13 R alpha 2 Rabbit mAb

Catalog NO.: A27168 **Recombinant**

Basic Information

Observed MW

50-65kDa

Calculated MW

44kDa

Category

Monoclonal Antibodies

Applications

WB, IP, ELISA

Cross-Reactivity

Human, Rat

Conjugation

Unconjugated

Clone number

ARC65308

Background

The protein encoded by this gene 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.

Recommended Dilutions

WB 1:5000 - 1:20000

IP

0.5µg-4µg antibody for 200µg-400µg extracts of whole cells

ELISA

Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

3598

Swiss Prot

Q14627

Immunogen

Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms

CT19; IL-13R; IL13BP; CD213A2

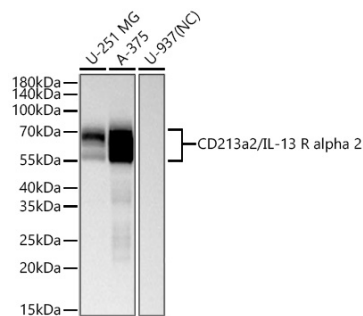
Contact

Product Information

☒		order@abclonal.com
☒		service@abclonal.com
☒		www.abclonal.com

Source	Isotype	Purification
Rabbit	IgG	Affinity purification
Storage		
Store at -20°C. Avoid freeze / thaw cycles.		
Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.		

Validation Data



Western blot analysis of various lysates using CD213a2/IL-13 R alpha 2 Rabbit mAb (A27168) at 1:5000 dilution incubated overnight at 4°C.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

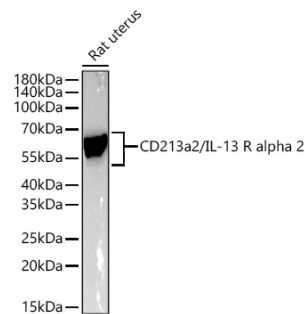
Lysates/proteins: 25 µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Negative control (NC): U-937

Exposure time: 30s.



Western blot analysis of lysates from Rat uterus cells using CD213a2/IL-13 R alpha 2 Rabbit mAb (A27168) at 1:5000 dilution incubated overnight at 4°C.

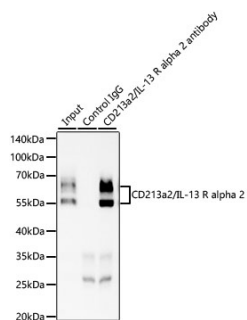
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25 µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 90s.



Immunoprecipitation of CD213a2/IL-13 R alpha 2 from 300 µg extracts of A-375 cells was performed using 0.5 µg of CD213a2/IL-13 R alpha 2 Rabbit mAb (A27168). Rabbit IgG isotype control (AC005) was used to precipitate the Control IgG sample. IP samples were eluted with 1X reducing Laemmli Buffer. The Input lane represents 10% of the total input. Western blot analysis of immunoprecipitates was conducted using CD213a2/IL-13 R alpha 2 Rabbit mAb (A27168) at a dilution of 1:5000.