
Product Name: CD210 Mouse Monoclonal Antibody**Catalog #: AMM82720**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	ICC,ELISA,FC
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Application

Dilution Ratio	ICC 1:25-1:200,ELISA 1:5000-1:20000,FC 1:200-1:400
Molecular Weight	63kDa

Antigen Information

Gene Name	CD210
Alternative Names	IL10RA; IL10R; CD210a; CDW210A; HIL-10R; IL-10R1
Gene ID	3587.0
SwissProt ID	Q13651
Immunogen	Purified recombinant fragment of human CD210 (AA: extra 22-235)) expressed in E. Coli.

Background

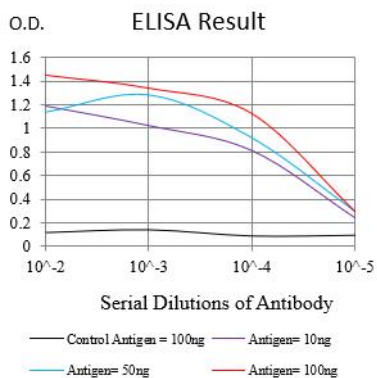
The protein encoded by this gene is a receptor for interleukin 10. This protein is structurally related to interferon receptors. It has been shown to mediate the immunosuppressive signal of interleukin 10, and thus inhibits the synthesis of proinflammatory cytokines. This receptor is reported to promote survival of progenitor myeloid cells through the insulin receptor substrate-2/PI

3-kinase/AKT pathway. Activation of this receptor leads to tyrosine phosphorylation of JAK1 and TYK2 kinases. Two transcript variants, one protein-coding and the other not protein-coding, have been found for this gene.

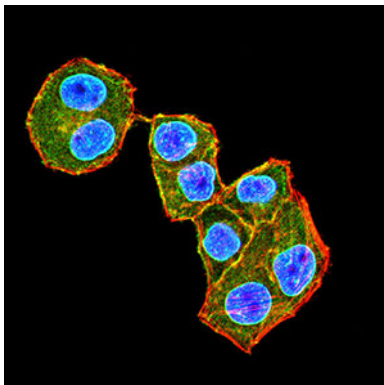
Research Area

TGF-beta signaling pathway, Jak-STAT signaling pathway

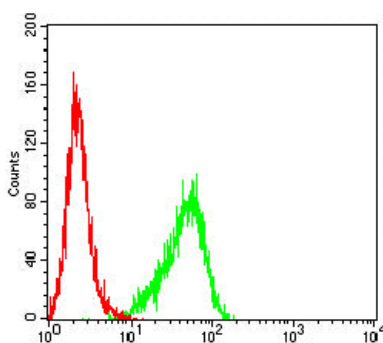
Image Data



Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



Immunofluorescence analysis of HeLa cells using CD210 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin.



Flow cytometric analysis of THP-1 cells using CD210 mouse mAb (green) and negative control (red).