

CD129 monoclonal antibody

Catalog: MB22519

Host: Mouse

Reactivity: Human,Rat

BackGround:

The protein encoded by this gene is a cytokine receptor that specifically mediates the biological effects of interleukin 9 (IL9). The functional IL9 receptor complex requires this protein as well as the interleukin 2 receptor, gamma (IL2RG), a common gamma subunit shared by the receptors of many different cytokines. The ligand binding of this receptor leads to the activation of various JAK kinases and STAT proteins, which connect to different biologic responses. This gene is located at the pseudoautosomal regions of X and Y chromosomes. Genetic studies suggested an association of this gene with the development of asthma. Multiple pseudogenes on chromosome 9, 10, 16, and 18 have been described. Alternatively spliced transcript variants have been found for this gene.

Product:

Purified antibody in PBS with 0.05% sodium azide

Molecular Weight:

57.1kDa

Swiss-Prot:

Q01113

Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB:1/500 - 1/2000 IHC:1/200 - 1/1000 FC:1/200 - 1/400

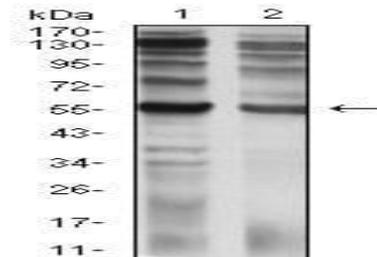
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

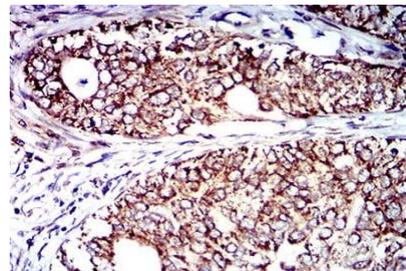
Isotype:

Mouse IgG1

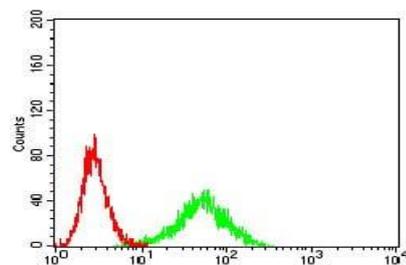
DATA:



Western blot analysis using CD129 mouse mAb against C6 (1) and PC-3 (2) cell lysate.



Immunohistochemical analysis of paraffin-embedded human cervical cancer tissues using CD129 mouse mAb with DAB staining.



Flow cytometric analysis of Ramos cells using CD129 mouse mAb (green) and negative control (red).

Note:

For research use only, not for use in diagnostic procedure.

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