

Product datasheet for **TA321371**

IL10RA Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 25-100 Positive control: Human lung cancer Predicted cell location: Cytoplasm, Cell membrane
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein corresponding to C terminal 329 amino acids of Human Interleukin-10 receptor subunit alpha
Formulation:	PBS pH7.3, 0.05% NaN ₃ , 50% glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	interleukin 10 receptor subunit alpha
Database Link:	NP_001549 Entrez Gene 3587 Human Q13651

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.



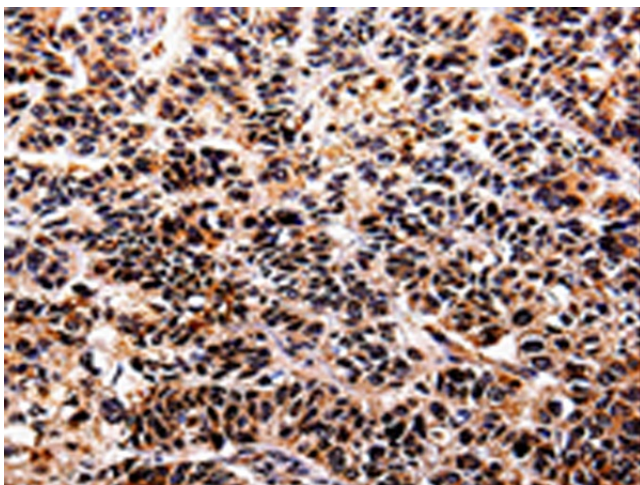
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Synonyms: CD210; CD210a; CDW210A; HIL-10R; IL-10R1; IL10R

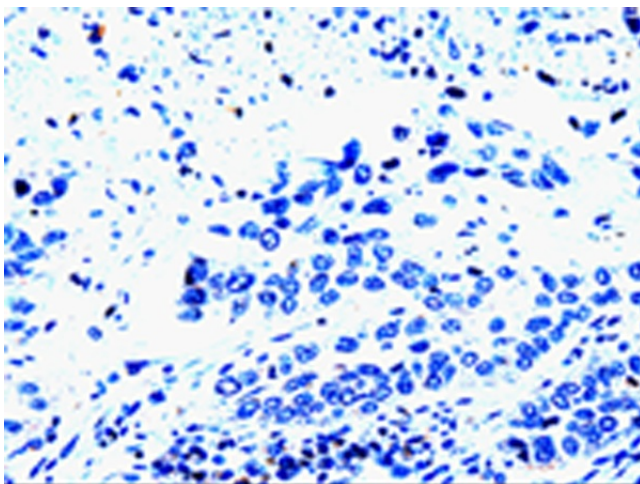
Protein Families: Druggable Genome, Transmembrane

Protein Pathways: Cytokine-cytokine receptor interaction, Jak-STAT signaling pathway

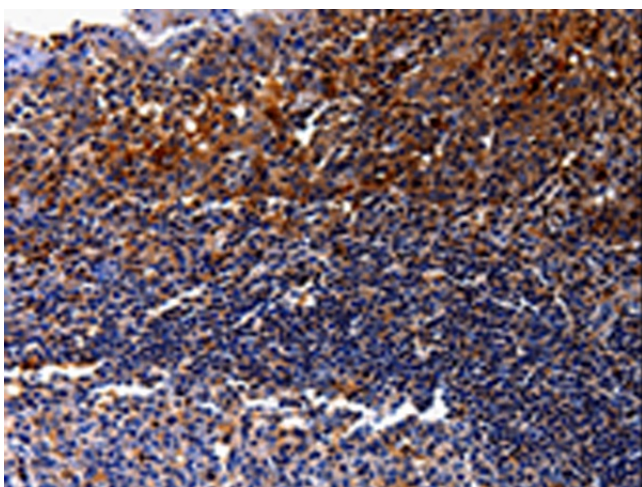
Product images:



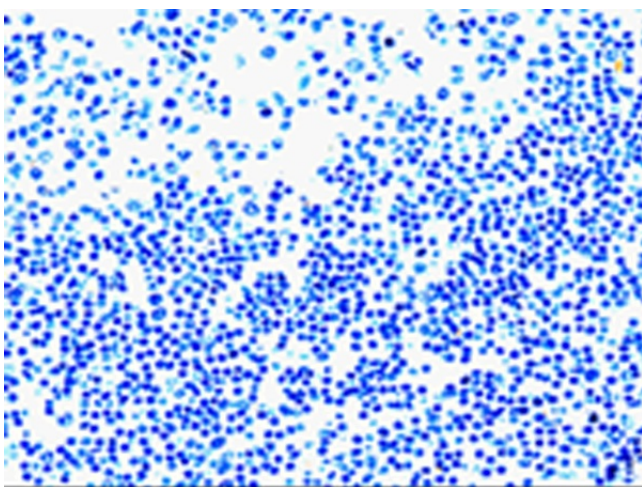
Immunohistochemistry of paraffin-embedded Human lung cancer tissue using TA321371 (IL10RA Antibody) at dilution 1/30 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human lung cancer tissue using TA321371 (IL10RA Antibody) at dilution 1/30, treated with fusion protein. (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human tonsil tissue using TA321371 (IL10RA Antibody) at dilution 1/30 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human tonsil tissue using TA321371 (IL10RA Antibody) at dilution 1/30, treated with fusion protein. (Original magnification: ×200)