

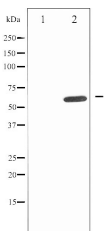
IL-10R alpha Ab

Cat.#: AF6435
Size: 100ul,200ul

Concn.: 1mg/ml
Source: Rabbit

Mol.Wt.: 63kDa
Clonality: Polyclonal

Application:	WB 1:500-1:2000 IF/ICC 1:100-1:500
Reactivity:	Human
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).
Specificity:	IL-10R alpha Ab detects endogenous levels of total IL-10R alpha.
Immunogen:	A synthesized peptide derived from human IL-10R alpha.
Uniprot:	Q13651
Description:	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.
Subcellular Location:	Membrane.
Tissue Specificity:	Spleen, thymus, and PBMC. Weak expression in pancreas, skeletal muscle, brain, heart, and kidney. Placenta, lung, and liver showed intermediate levels. Monocytes, B-cells, large granular lymphocytes, and T-cells express high levels.
Similarity:	Belongs to the type II cytokine receptor family.
Storage Condition and Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt.



Western blot analysis of IL-10R alpha expression in Na₂VO₃ treated HepG2 whole cell lysates, The lane on the left was treated with the antigen-specific peptide.



AF6435 staining U-2 OS cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. The primary Ab was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab(Red), diluted at 1/600, was used as secondary Ab.

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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