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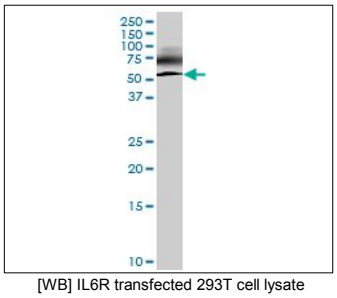
KB475

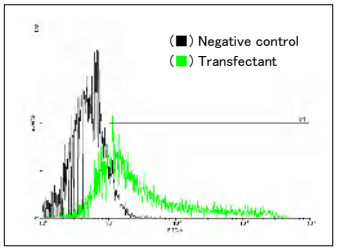
For research use only

Anti Human IL6R Polyclonal Antibody

Code No.	KB475
Terget	IL6R
Category	Immunology
Gene ID	3570
Primary Source	HGNC:6019
Synonyms	CD126; IL6RA; IL-6R-1; MGC104991; IL-6R-alpha; IL6R
Type	Polyclonal Antibody
Immunogen	Recombinant protein of full length Human IL6R
Raised in	Mouse
Myeloma	-
Clone number	-
Purification	Protein A purified
Source	Mouse Serum
Isotype	-
Cross Reactivity	-
Label	Unlabeled
Concentration	1 mg/mL
Contents (Volume)	50 µg
Buffer	PBS, pH 7.2
Storage	Store at - 20℃ long term, store at 4℃ short term. Avoid repeated freeze-thaw cycles.
Application	WB,FCM



[WB] IL6R transfected 293T cell lysate



[FCM] IL6R expressing 293 cells

ELISA	WB	IHC	ICC
-	1.0	-	-
IP	FCM	IF	Neutralization
-	1.0	-	-

(µg/mL)

Reference

1. Yamasaki K., et al. "Cloning and expression of the human interleukin-6 (BSF-2/IFN beta 2) receptor." Science 241:825-828(1988)
2. Yamasaki K., et al. "Molecular structure of interleukin 6 receptor." Proc. Jpn. Acad., B, Phys. Biol. Sci. 64:209-211(1988)
3. Schooltink H., et al. "Structural and functional studies on the human hepatic interleukin-6 receptor. Molecular cloning and overexpression in HepG2 cells." Biochem. J. 277:659-664(1991)

UniPlot Summary

//Function: Part of the receptor for interleukin 6. Binds to IL6 with low affinity, but does not transduce a signal. Signal activation necessitate an association with IL6ST. Activation may lead to the regulation of the immune response, acute-phase reactions and hematopoiesis. Low concentration of a soluble form of IL6 receptor acts as an agonist of IL6 activity.
//Subcellular location: Basolateral cell membrane; Single-pass type I membrane protein.
//Tissue specificity: Isoform 2 is expressed in peripheral blood mononuclear cells and weakly found in urine and serum.
//Sequence similarities: Belongs to the type I cytokine receptor family. Type 3 subfamily. Contains 1 fibronectin type-III domain. Contains 1 Ig-like C2-type (immunoglobulin-like) domain.

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