



# IL-17R $\alpha$ Monoclonal Antibody

<b>Catalog No</b>	YP-mAb-13374
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Rat;Mouse;
<b>Applications</b>	WB;ELISA
<b>Gene Name</b>	IL17RA
<b>Protein Name</b>	Interleukin-17 receptor A
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human IL17RA. AA range:141-190
<b>Specificity</b>	IL-17R $\alpha$ Monoclonal Antibody detects endogenous levels of IL-17R $\alpha$ protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Monoclonal, mouse,IgG
<b>Purification</b>	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications.
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	$\geq 90\%$
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	IL17RA; IL17R; Interleukin-17 receptor A; IL-17 receptor A; IL-17RA; CDw217; CD antigen CD217
<b>Observed Band</b>	90kD
<b>Cell Pathway</b>	[Isoform 1]: Cell membrane ; Single-pass type I membrane protein .; [Isoform 2]: Secreted .
<b>Tissue Specificity</b>	Widely expressed.
<b>Function</b>	function:Receptor for IL17A. Binds its ligand with low affinity, suggesting that additional components are involved in IL17A-induced signaling.,PTM:Glycosylated.,tissue specificity:Widely expressed.,
<b>Background</b>	Interleukin 17A (IL17A) is a proinflammatory cytokine secreted by activated T-lymphocytes. It is a potent inducer of the maturation of CD34-positive hematopoietic precursors into neutrophils. The transmembrane protein encoded by this gene (interleukin 17A receptor; IL17RA) is a ubiquitous type I membrane glycoprotein that binds with low affinity to interleukin 17A. Interleukin 17A and its receptor play a pathogenic role in many inflammatory and autoimmune diseases such as rheumatoid arthritis. Like other cytokine receptors, this receptor likely has a multimeric structure. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Feb 2014],

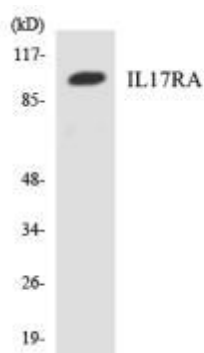
**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



Western blot analysis of the lysates from HeLa cells using IL17RA antibody.