

## IL-9R (Phospho Ser519) Rabbit pAb

CatalogNo: YP0937

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse, Rat

#### Applications

- WB, IHC, IF, ELISA

#### MW

- 57kD (Observed)

#### Isotype

- IgG

### Storage

**Storage\*** -15°C to -25°C/1 year (Do not lower than -25°C)

**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

### Recommended Dilution Ratios

**WB 1:500-1:2000**

**IHC 1:100-1:300**

**IF 1:200-1:1000**

**ELISA 1:20000**

**Not yet tested in other applications.**

### Basic Information

**Clonality** Polyclonal

### Immunogen Information

**Immunogen** The antiserum was produced against synthesized peptide derived from human IL-9R around the phosphorylation site of Ser519. AA range:472-521

## Specificity

Phospho-IL-9R (S519) Polyclonal Antibody detects endogenous levels of IL-9R protein only when phosphorylated at S519. The name of modified sites may be influenced by many factors, such as species (the modified site was not originally found in human samples) and the change of protein sequence (the previous protein sequence is incomplete, and the protein sequence may be prolonged with the development of protein sequencing technology). When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports. The antibody binds to the following modification sequence (lowercase letters are modification sites):ARsWT

## Target Information

**Gene name** IL9R

**Protein Name** Interleukin-9 receptor

Organism	Gene ID	UniProt ID
Human	<a href="#">3581</a> ;	<a href="#">Q01113</a> ;
Mouse		<a href="#">Q01114</a> ;

### Cellular Localization

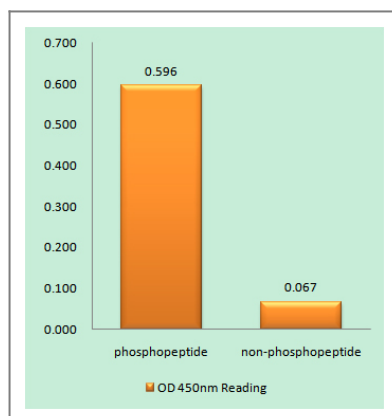
Cell membrane; Single-pass type I membrane protein. Secreted.

**Tissue specificity** Melanoma ,

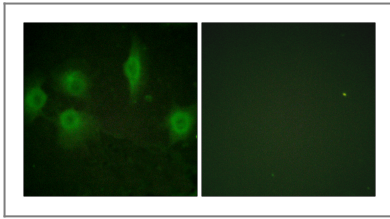
### Function

Domain: The box 1 motif is required for JAK interaction and/or activation. , Domain: The WSXWS motif appears to be necessary for proper protein folding and thereby efficient intracellular transport and cell-surface receptor binding. , Function: This is a receptor for interleukin-9. , miscellaneous: The gene encoding for this protein is located in the pseudoautosomal region 2 (PAR2) of X and Y chromosomes. , similarity: Belongs to the type I cytokine receptor family. Type 4 subfamily. , similarity: Contains 1 fibronectin type-III domain. ,

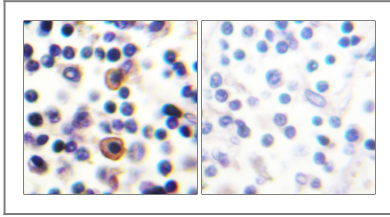
## Validation Data



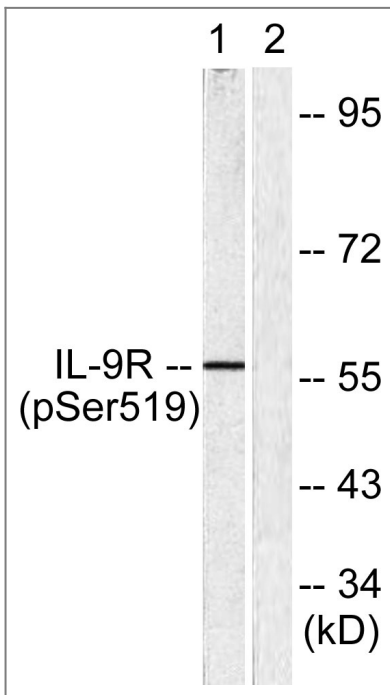
Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right), using IL-9R (Phospho-Ser519) Antibody



Immunofluorescence analysis of HUVEC cells, using IL-9R (Phospho-Ser519) Antibody. The picture on the right is blocked with the phospho peptide.



Immunohistochemistry analysis of paraffin-embedded human lymph node, using IL-9R (Phospho-Ser519) Antibody. The picture on the right is blocked with the phospho peptide.



Western blot analysis of lysates from HUVEC cells, using IL-9R (Phospho-Ser519) Antibody. The lane on the right is blocked with the phospho peptide.

## Contact information

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Please scan the QR code to access additional product information:  
**IL-9R (Phospho Ser519) Rabbit pAb**