

## Rabbit Anti-DUSP23/PE Conjugated antibody

SL14456R-PE

<b>Product Name</b>	Anti-DUSP23/PE
<b>Chinese Name</b>	PE 标记的双特异性磷酸酶抗体 23 抗体
<b>Alias</b>	Dual specificity phosphatase 23; Dual specificity protein phosphatase 23; DUS23_HUMAN; Dusp23; DUSP25; EC 3.1.3.16; EC 3.1.3.48; FLJ20442; LDP 3; LDP-3; LDP3; Low molecular mass dual specificity phosphatase 3; MOSP; RP11-190A12.1; VH1 like member Z; VH1 like phosphatase Z; VH1-like phosphatase Z; VHZ.
<b>Research Area</b>	Cell biology Signal transduction Kinases and Phosphatases
<b>Immunogen Species</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>React Species</b>	(predicted:Human,Mouse,Rat,Dog,Pig,Cow,Horse,Rabbit,Sheep) ICC/IF=1:50-200,IF=1:100-500
<b>Applications</b>	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight</b>	17kDa
<b>Form</b>	Lyophilized or Liquid
<b>Concentration</b>	1mg/ml
<b>immunogen</b>	KLH conjugated synthetic peptide derived from human DUSP23
<b>Lsotype</b>	IgG
<b>Purification</b>	affinity purified by Protein A
<b>Storage Buffer</b>	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.
<b>Storage</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>Product Detail</b>	<b>background:</b> Protein phosphatase that mediates dephosphorylation of proteins phosphorylated on Tyr and Ser/Thr residues. In vitro, it can dephosphorylate p44-ERK1 (MAPK3) but not p54 SAPK-beta (MAPK10) in vitro. Able to enhance activation of JNK and p38 (MAPK14).

**Subcellular Location:**

Cytoplasm; cytosol. Nucleus. Mainly cytosolic. Also nuclear.

**Tissue Specificity:**

Widely expressed. Highly expressed in spleen, prostate, colon, adrenal gland, mammary gland, thyroid and trachea. Expressed at lower level in uterus, small intestine, bladder, bone marrow, brain, spinal cord and stomach.

**Similarity:**

Belongs to the protein-tyrosine phosphatase family. Non-receptor class dual specificity subfamily.

Contains 1 tyrosine-protein phosphatase domain.

**Database links:**

[Entrez Gene: 54935](#) Human

[Entrez Gene: 68440](#) Mouse

[Entrez Gene: 360881](#) Rat

[SwissProt: Q9BVJ7](#) Human

[SwissProt: Q6NT99](#) Mouse

[Unigene: 425801](#) Human

[Unigene: 33024](#) Mouse

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.