

c-Fms (Phospho Tyr723) Rabbit pAb

CatalogNo: YP0693 **Orthogonal Validated** 

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB, IHC, IF, ELISA

MW

- 130-170kD (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

ELISA 1:5000

IF 1:50-200

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen The antiserum was produced against synthesized peptide derived from human M-CSF Receptor around the phosphorylation site of Tyr723. AA range:691-740

Specificity

Phospho-c-Fms (Y723) Polyclonal Antibody detects endogenous levels of c-Fms protein only when phosphorylated at Y723. 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 When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports.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):DTyVE

Target Information

Gene name CSF1R

Protein Name Macrophage colony-stimulating factor 1 receptor

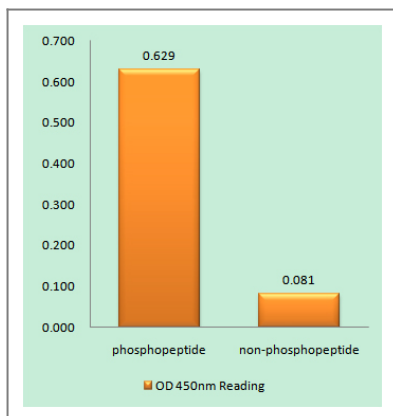
| Organism | Gene ID | UniProt ID |
|----------|-------------------------|--------------------------|
| Human | 1436 ; | P07333 ; |
| Mouse | 12978 ; | P09581 ; |
| Rat | | Q00495 ; |

Cellular Localization Cell membrane; Single-pass type I membrane protein.

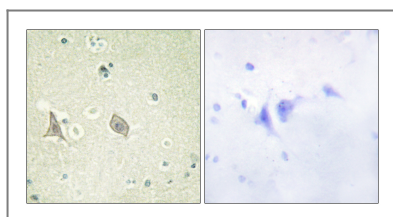
Tissue specificity Expressed in bone marrow and in differentiated blood mononuclear cells.

Function Catalytic activity:ATP + a [protein]-L-tyrosine = ADP + a [protein]-L-tyrosine phosphate. ,Function:Protein tyrosine-kinase transmembrane receptor for CSF1 and IL34. ,similarity:Belongs to the protein kinase superfamily. Tyr protein kinase family. ,similarity:Belongs to the protein kinase superfamily. Tyr protein kinase family. CSF-1/PDGF receptor subfamily. ,similarity:Contains 1 protein kinase domain. ,similarity:Contains 5 Ig-like C2-type (immunoglobulin-like) domains. ,subunit:Interacts with INPPL1/SHIP2 and THOC5. ,tissue specificity:Expressed in bone marrow and in differentiated blood mononuclear cells. ,

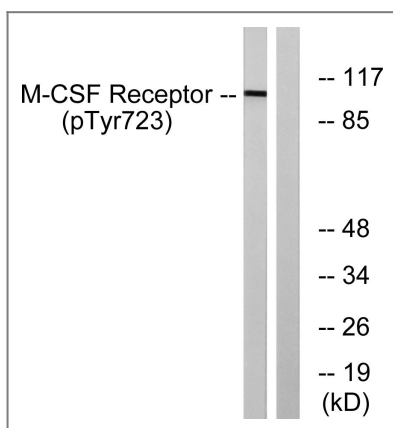
Validation Data



Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right), using M-CSF Receptor (Phospho-Tyr723) Antibody



Immunohistochemistry analysis of paraffin-embedded human brain, using M-CSF Receptor (Phospho-Tyr723) Antibody. The picture on the right is blocked with the phospho peptide.



Western blot analysis of lysates from HUVEC cells treated with PMA 125ng/ml 30', using M-CSF Receptor (Phospho-Tyr723) Antibody. The lane on the right is blocked with the phospho peptide.

Contact information

Orders: order.cn@immunoway.com
 Support: support.cn@immunoway.com
 Telephone: 400-8787-807(China)
 Website: <http://www.immunoway.com.cn>
 Address: 2200 Ringwood Ave San Jose, CA 95131 USA



Please scan the QR code to access additional product information:
c-Fms (Phospho Tyr723) Rabbit pAb

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