

Rabbit CSF-1R (Paired Y723) Antibody | anti-CSF-1R (Paired Y723) antibody

Rabbit anti CSF-1R/M-CSFR (Paired Y723)

CATALOG # AAA71439	HOST Rabbit	REACTIVITY Human, Rat, Mouse, Bovine	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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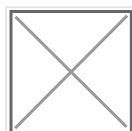
PRODUCT SYNONYMS

CSF-1R (Paired Y723); Rabbit anti CSF-1R/M-CSFR (Paired Y723); Rabbit anti-CSF-1R (Paired Y723); Colony stimulating factor 1R (CSF-1R); Macrophage colony stimulating factor receptor (M-CSFR); CD115; C-FMS.; anti-CSF-1R (Paired Y723) antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat, Mouse, Bovine
Specificity	This antibody recognizes ~130 kDa of human CSF-1R protein without phosphorylation site of Tyrosine 723. It does not recognize phosphorylated peptides. This antibody also reacts with mouse, rat. The other species are not tested.
Purity/Purification	The Rabbit IgG is purified by Site-specific Epitope Affinity Purification.
Form/Format	This affinity purified antibody is supplied in sterile Phosphatebuffered saline (pH7.2) containing antibody stabilizer
Concentration	Size: 100 ug/200 ul (varies by lot)
Applicable Applications for anti-CSF-1R (Paired Y723) antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Antigen Preparation	A synthetic peptide corresponding to the epitope -DTYVEM- without a phosphorylation site at tyrosine 723 of human CSF-1R protein. This sequence is identical within human, mouse, rat, and bovine.
Positive Control	LNCaP
Cellular Location	Membrane
Preparation and Storage	The antibodies are stable for 12 months from date of receipt when stored at -20 degree C to -70 degree C. The antibodies can be stored at 2 degree C-8 degree C for three month without detectable loss of activity. Avoid repeated freezing-thawing cycles.

IMAGES



Application Data

ADDITIONAL INFORMATION

Related Product Information for anti-CSF-1R (Paired Y723) antibody

CD115, or Colony-stimulating factor-1 receptor (CSF-1R), is the major regulator of macrophage development and associated with epithelial cancers of the breast and ovary. CSF-1R is a disulfide-linked homodimer, which upon binding of its ligand, CSF-1, undergoes tyrosine autophosphorylation and subsequently, phosphorylates other membrane-proximal downstream targets which results in cytoskeletal remodeling, gene transcription and protein translation. The activated or phosphorylated form of CSF-1R has been associated with enhanced invasive and metastatic potential. The phosphorylation residues include Tyr 708, Tyr 723, Tyr 809 which correlate CSF-1R expression with changes in the growth and development of the cancer stage.

References	Eugene P. Toy et al. The Activated Macrophage Colony-Stimulating Factor (CSF-1) Receptor as a Predictor of Poor Outcome in Advanced Epithelial Ovarian Carcinoma. (2001) Gynecologic Oncology, 80 (2), 194-200.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	112180370
NCBI GeneID	12978
UniProt Accession #	P09581; Q3U3P1; Q9DBH9; Q0P635; Q3TAZ7; Q3TBH6; Q3U1X4; Q3U1Y3; Q3U210; Q3U3W0; Q3U4N8; Q3UKC6
Molecular Weight	~130 kDa
NCBI Official Full Name	Colony stimulating factor 1 receptor
NCBI Official Synonym Full Names	colony stimulating factor 1 receptor
NCBI Official Symbol	Csf1r
NCBI Official Synonym Symbols	Fms; CD115; Csfmr; Fim-2; CSF-1R; M-CSFR; AI323359
NCBI Protein Information	macrophage colony-stimulating factor 1 receptor; c-fms; CSF-1-R; OTTMUSP00000015851; proto-oncogene fms; proto-oncogene c-Fms
UniProt Protein Name	Macrophage colony-stimulating factor 1 receptor
UniProt Gene Name	Csf1r
UniProt Synonym Gene Names	Csfmr; Fms
UniProt Entry Name	CSF1R_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.