CSFR (Phospho-Tyr708) Conjugated Antibody

Catalog No: #C11832

Package Size: #C11832-AF350 100ul #C11832-AF405 100ul #C11832-AF488 100ul #C11832-AF555 100ul #C11832-AF594 100ul #C11832-AF647 100ul #C11832-AF680 100ul #C11832-AF750 100ul #C11832-Biotin 100ul

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Description

Product Name	CSFR (Phospho-Tyr708) Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The Antibody detects endogenous levels of CSF1R only when phosphorylated at tyrosine 708.
Immunogen Description	Peptide sequence around phosphorylation site of tyrosine 708 (K-K-Y(p)-V-R) derived from Human CSFR .
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	C-FMS;CD115;CSF1R; FIM2; FMS
Accession No.	Swiss-Prot#:P07333NCBI Gene ID:1436NCBI mRNA#:NM_001288705.1. NCBI Protein#:NP_001275634.1.
Uniprot	P07333
GeneID	1436;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	200
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Product Description

Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatogramphy using non-phosphopeptide.

Background

Tyrosine-protein kinase that acts as cell-surface receptor for CSF1 and IL34 and plays an essential role in the regulation of survival, proliferation and differentiation of hematopoietic precursor cells, especially mononuclear phagocytes, such as macrophages and monocytes. Promotes the release of proinflammatory chemokines in response to IL34 and CSF1, and thereby plays an important role in innate immunity and in inflammatory processes. Plays an important role in the regulation of osteoclast proliferation and differentiation, the regulation of bone resorption, and is required for normal bone and tooth development.

Note: This product is for in vitro research use only