

AB-NK234-2

CSF1R -2 Antibody

Pan-specific rabbit polyclonal antibody for monitoring the expression of human protein-tyrosine kinase CSF1R (Fms)



KINEXUS

Address: 8755 Ash Street, Suite 1
Vancouver, British Columbia,
Canada V6P 6T3

Email: info@kinexus.ca
Phone: 604-323-2547

Target Protein

Protein Name Long:	Macrophage colony-stimulating factor 1 receptor
Protein Alias:	CD115; C-fms; Colony stimulating factor 1 receptor; CSF-1-R; CSFMR; FMS; Fms proto-oncogene; Kinase CSFR; Macrophage colony stimulating factor I receptor precursor; M-CSFR; FIM2; FIM2; CCDS4302.1; A2VDG3; Q6LEI2; ENSG00000182578
UniProt ID:	P07333
Protein Molecular Mass:	107,984 Da (972 AA; P07333); 33,248 Da (306 AA; P07333-2)

Immunogen

Antibody Immunogen Source:	Human CSF1R (Fms) sequence peptide Cat. No.: PE-01ATQ99
Antibody Immunogen Sequence:	CALTLVPAELVRIRGE
Antibody Immunogen Description:	Corresponds to amino acid residues A204 to E218.
Antibody Target Type:	Pan-specific

Production

Antibody Host Species:	Rabbit
Antibody Type:	Polyclonal
Antibody Isotype:	IgG
Production Method:	The immunizing peptide was produced by solid phase synthesis on a multipеп peptide synthesizer and purified by reverse-phase hplc chromatography. Purity was assessed by analytical hplc and the amino acid sequence confirmed by mass spectrometry analysis. This peptide was coupled to KLH prior to immunization into rabbits. New Zealand White rabbits were subcutaneously injected with KLH-coupled immunizing peptide every 4 weeks for 4 months. The sera from these animals was applied onto an agarose column to which the immunogen peptide was thio-linked. Antibody was eluted from the column with 0.1 M glycine, pH 2.5. Subsequently, the antibody solution was neutralized to pH 7.0 with saturated Tris.
Amount:	25 µg
Antibody Concentration:	1 mg/ml
Lot Numbers:	130906
Storage Buffer:	Phosphate buffered saline pH 7.4, 0.05% Thimerasol
Storage Conditions:	For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles.
Storage Stability:	>2 years

Applications

Product Use:	Western blotting Antibody microarray
Antibody Dilution Recommended:	2 µg/ml for immunoblotting
Antibody Species Reactivity:	Human Rhesus macaque Dog

Antibody Positive Control:	The observed molecular mass of the processed target protein on SDS-PAGE gels is reported to be around 120-130 kDa.
Antibody Potency:	Weak reactivity with recombinant human CSF1R on protein dot blots.
Antibody Specificity:	High
Antibody Cross Reactivity:	No immunoreactivity on protein dot blots with recombinant human Flt3 and Kit.

This product is for *in vitro* research use only and is not intended for use in humans or animals.

For more information on our products please visit <https://kinexus-ca.myshopify.com/> or contact us at 1-866-546-3987