abcam

Product datasheet

Anti-CSF-1-R antibody ab223642

1 Image

Overview

Product name	Anti-CSF-1-R antibody
Description	Goat polyclonal to CSF-1-R
Host species	Goat
Tested applications	**Suitable for:** WB
Species reactivity	**Reacts with:** Human
	Predicted to work with: Mouse, Rat, Cat ⚠
Immunogen	Synthetic peptide corresponding to Human CSF-1-R aa 700-800 (internal sequence) (Cysteine residue). (NP_005202.2). Database link: **P07333**
	Run BLAST with **Run BLAST with**
Positive control	WB: HEK-293 lysate overexpressing human CSF-1-R with C-terminal MYC tag.
General notes	The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.
	If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: 0.5% BSA, Tris buffered saline
Purity	Immunogen affinity purified
Purification notes	ab223642 was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Clonality	Polyclonal

Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab223642 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 0.1 - 0.5 µg/ml. Predicted molecular weight: 108 kDa. A 1 hour primary incubation is recommended for this product.

Target

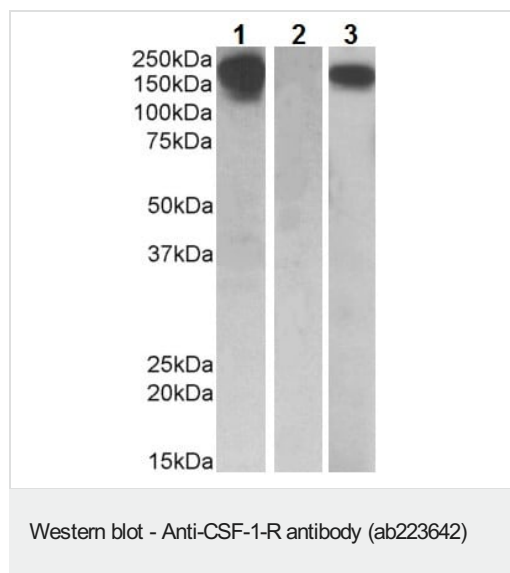| Function	Protein tyrosine-kinase transmembrane receptor for CSF1 and IL34.
Tissue specificity	Expressed in bone marrow and in differentiated blood mononuclear cells.
Sequence similarities	Belongs to the protein kinase superfamily. Tyr protein kinase family. CSF-1/PDGF receptor subfamily. Contains 5 Ig-like C2-type (immunoglobulin-like) domains. Contains 1 protein kinase domain.
Cellular localization	Membrane.

Images

Western blot - Anti-CSF-1-R antibody (ab223642)

Lane 1 : Anti-CSF-1-R antibody (ab223642) at 0.5 µg/ml
Lane 2 : Anti-CSF-1-R antibody (ab223642) at 1 mg/ml
Lane 3 : Anti-MYC tag at 1/1000 dilution

Lanes 1 & 3 : HEK-293 (human epithelial cell line from embryonic kidney) lysate overexpressing human CSF-1-R with C-terminal MYC tag (in RIPA buffer)
Lane 2 : Mock transfected HEK-293 (human epithelial cell line from embryonic kidney) lysate (in RIPA buffer)

Lysates/proteins at 10 µg per lane.

Developed using the ECL technique.

Predicted band size: 108 kDa
Observed band size: 200 kDa

Primary incubations were for 1 hour.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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