Datasheet for ABIN514658
anti-CSF1R antibody (AA 21-120)

Overview

Quantity: 100 μg
Target: CSF1R
Binding Specificity: AA 21-120
Reactivity: Human
Host: Mouse
Clonality: Monoclonal
Conjugate: This CSF1R antibody is un-conjugated
Application: Western Blotting (WB), ELISA, Proximity Ligation Assay (PLA)

Product Details

Purpose: Mouse monoclonal antibody raised against a partial recombinant CSF1R.
Immunogen: CSF1R (AAH47521, 21 a.a. ~ 120 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence: PVIEPSVPEL VKPKGATVTL RCVGNSVEW DGPPSPHWTL YSDGSSSILS TNNATFQNTG TTYRCTEPGDPLGGSAAIHLY VKDPARPWNVLAQEVVVFED
Clone: 3G12
Isotype: IgG1 kappa
Cross-Reactivity: Human
Target Details

Target: CSF1R

Alternative Name: CSF1R (CSF1R Products)

Background: Full Gene Name: colony stimulating factor 1 receptor
Synonyms: C-FMS, CD115, CSFR, FIM2, FMS

Gene ID: 1436

Pathways: RTK Signaling, Inositol Metabolic Process, Cell-Cell Junction Organization

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Comment: Product Quality tested by: Antibody Reactive Against Recombinant Protein.

Restrictions: For Research Use only

Handling

Buffer: In 1x PBS, pH 7.4

Handling Advice: Aliquot to avoid repeated freezing and thawing.

Storage: -20 °C

Storage Comment: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Images

Western Blotting

Image 1. CSF1R monoclonal antibody (M02), clone 3G12
Western Blot analysis of CSF1R expression in Hela S3 NE.
**ELISA**

**Image 2.** Detection limit for recombinant GST tagged CSF1R is approximately 0.3ng/ml as a capture antibody.

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**Proximity Ligation Assay**

**Image 3.** Proximity Ligation Analysis of protein-protein interactions between PIK3R1 and CSF1R. HeLa cells were stained with anti-PIK3R1 rabbit purified polyclonal 1:1200 and anti-CSF1R mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN514658.