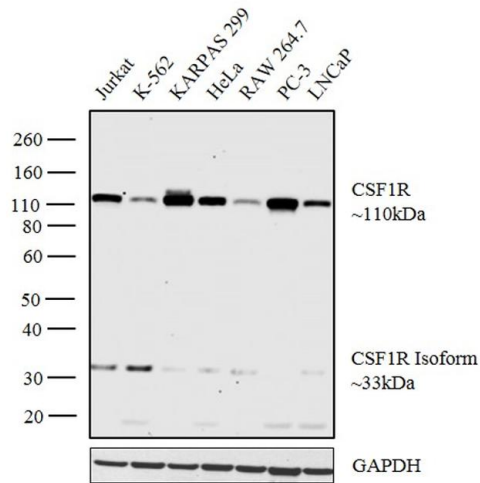


CSF1R Polyclonal Antibody

Product Details	
Size	400 µL
Species Reactivity	Human, Mouse
Published Species	Mouse, Human, Horse
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	CSF1R recombinant protein.
Form	Liquid
Concentration	1.8 mg/mL
Purification	Protein A, Antigen affinity chromatography
Storage buffer	PBS
Contains	0.09% sodium azide
Storage conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_2543474

Applications	Tested Dilution	Publications
Western Blot (WB)	1:2,000	1 Publication
Immunohistochemistry (IHC)	-	2 Publications
Immunohistochemistry (Frozen) (IHC (F))	-	1 Publication
Immunocytochemistry (ICC/IF)	1:10-1:50	1 Publication
Flow Cytometry (Flow)	1:10-1:50	-

Product Images For CSF1R Polyclonal Antibody

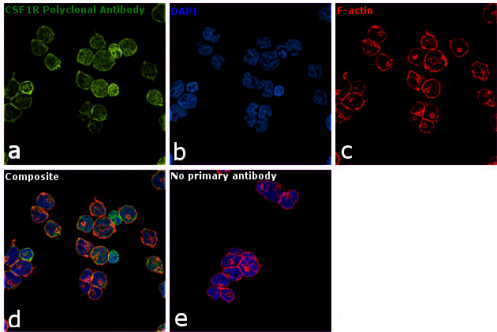


CSF1R Antibody (PA5-25974) in WB

Western blot analysis was performed on membrane enriched cell extracts (30 µg lysate) of Jurkat (Lane 1), K-562 (Lane 2), KARPAS 299 (Lane 3), HeLa (Lane 4), RAW 264.7 (Lane 5), PC-3 (Lane 6) and LNCaP (Lane 7). The blot was probed with Anti-CSF1R Polyclonal Antibody (Product # PA5-25974, 1:1000 dilution) and detected by chemiluminescence Goat anti-Rabbit IgG (Heavy Chain) Superclonal™ Secondary Antibody, HRP conjugate (Product # A27036, 0.25 µg/mL, 1:4000 dilution). Two bands of 110kDa and 33kDa corresponding to CSF1R isoforms were observed across all the cell lines tested.

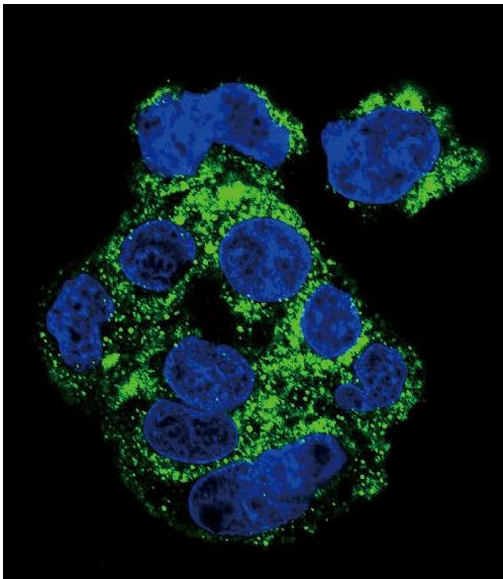
CSF1R Antibody (PA5-25974) in ICC/IF

Immunofluorescence analysis of CSF1R was performed using 70% confluent log phase THP-1 cells. The cells were fixed with 4% paraformaldehyde for 10 minutes, permeabilized with 0.1% Triton™ X-100 for 15 minutes, and blocked with 1% BSA for 1 hour at room temperature. The cells were labeled with anti-CSF1R Polyclonal Antibody (Product # PA5-25974) at 1:200 dilution in 0.1% BSA, incubated at 4 degree Celsius overnight and then labeled with Goat anti-Rabbit IgG (Heavy Chain) Superclonal™ Secondary Antibody, Alexa Fluor® 488 conjugate (Product # A27034) at a dilution of 1:2000 for 45 minutes at room temperature (Panel a: green). Nuclei (Panel b: blue) were stained with ProLong™ Diamond Antifade Mountant with DAPI (Product # P36962). F-actin (Panel c: red) was stained with Rhodamine Phalloidin (Product # R415, 1:300). Panel d represents the merged image showing Plasma Membrane localization. Panel e represents control cells with no primary antibody to assess background. The images were captured at 60X magnification



CSF1R Antibody (PA5-25974) in ICC/IF

Immunofluorescent analysis of HepG2 cells using a CSF1R polyclonal antibody (Product # PA5-25974) at a dilution of 1:10-50, followed by a fluor-conjugated goat anti-rabbit secondary antibody (green). Nuclei were stained with DAPI (blue).



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Western Blot (1)

Experimental eye research	Year 2022
Minocycline suppresses disease-associated microglia (DAM) in a model of photoreceptor cell degeneration.	Species Mouse
"PA5-25974 was used in Western Blot to show that minocycline suppresses many DAM markers, in particular those associated with lipid metabolism indicating that suppression of this process is one mechanism by which minocycline protects against inflammation induced photoreceptor cell death."	Dilution 1:500
Authors: Ozaki E, Delaney C, Campbell M, Doyle SL	

Immunohistochemistry (2)

Equine veterinary journal	Year 2023
Characterisation of the testicular transcriptome in stallions with age-related testicular degeneration.	Species Horse
"Published figure using CSF1R polyclonal antibody (Product # PA5-25974) in Immunohistochemistry"	Dilution 1:100
Authors: Woodward E, Schlingmann K, Tobias J, Turner R	

Cellular and molecular gastroenterology and hepatology	Year 2022
Evidence of a Myenteric Plexus Barrier and Its Macrophage-Dependent Degradation During Murine Colitis: Implications in Enteric Neuroinflammation.	Species Mouse
"Published figure using CSF1R polyclonal antibody (Product # PA5-25974) in Immunocytochemistry"	
Authors: Dora D, Ferenczi S, Stavely R, Toth VE, Varga ZV, Kovacs T, Bodi I, Hotta R, Kovacs KJ, Goldstein AM, Nagy N	

Immunohistochemistry (Frozen) (1)

Cellular and molecular gastroenterology and hepatology	Year 2022
Evidence of a Myenteric Plexus Barrier and Its Macrophage-Dependent Degradation During Murine Colitis: Implications in Enteric Neuroinflammation.	Species Mouse
"Published figure using CSF1R polyclonal antibody (Product # PA5-25974) in Immunocytochemistry"	
Authors: Dora D, Ferenczi S, Stavely R, Toth VE, Varga ZV, Kovacs T, Bodi I, Hotta R, Kovacs KJ, Goldstein AM, Nagy N	

More applications with references on thermofisher.com

ICC/IF (1)

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