

FCER1G Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Mouse, Rat
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 19-86 of human FCER1G (NP_004097.1).
Form	Liquid
Concentration	2.86 mg/mL
Purification	Affinity Chromatography
Storage buffer	PBS, pH 7.3, with 50% glycerol
Contains	0.01% thimerosal
Storage conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_2855127

Applications	Tested Dilution	Publications
Western Blot (WB)	1:1,000-1:5,000	-

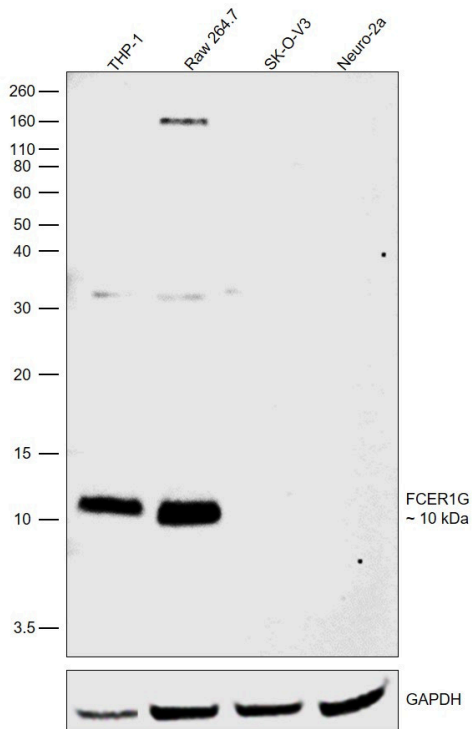
Product Specific Information

Immunogen sequence: LGEPQLCYIL DAILFLYGIV LTLLYCRLKI QVRKAAITSY EKSDGVYTGL STRNQETYET LKHEKPPQ

Product Images For FCER1G Polyclonal Antibody

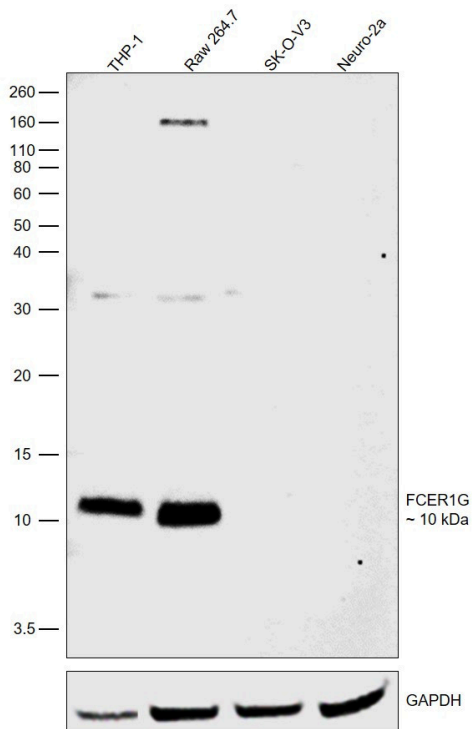
FCER1G Antibody (PA5-109716) in WB

Western blot was performed using FCER1G Polyclonal Antibody (Product # PA5-109716) and a 10 kDa band corresponding to FCER1G was observed. Whole cell extracts (30 µg lysate) of THP-1 (Lane 1), RAW 264.7 (Lane 2), SK-O-V3 (Lane 3) and Neuro-2a (Lane 4) were electrophoresed using NuPAGE™ 12% Bis-Tris Protein Gel (Product # NP0342BOX), 12 well. Resolved proteins were then transferred onto a nitrocellulose membrane (Product # IB23001) by iBlot® 2 Dry Blotting System (Product # IB21001). The blot was probed with the primary antibody (1:5000) and detected by chemiluminescence with Goat anti-Rabbit IgG (Heavy Chain) Superclonal™ Recombinant Secondary Antibody, HRP (Product # A27036, 1:20,000) using the iBright™ FL1500 Imaging System (Product # A44115). Chemiluminescent detection was performed using SuperSignal™ West Pico PLUS Chemiluminescent Substrate (Product # 34580). Band of interest was not observed in SK-OV-3 and Neuro-2a cell lines, which do not express FCER1G.



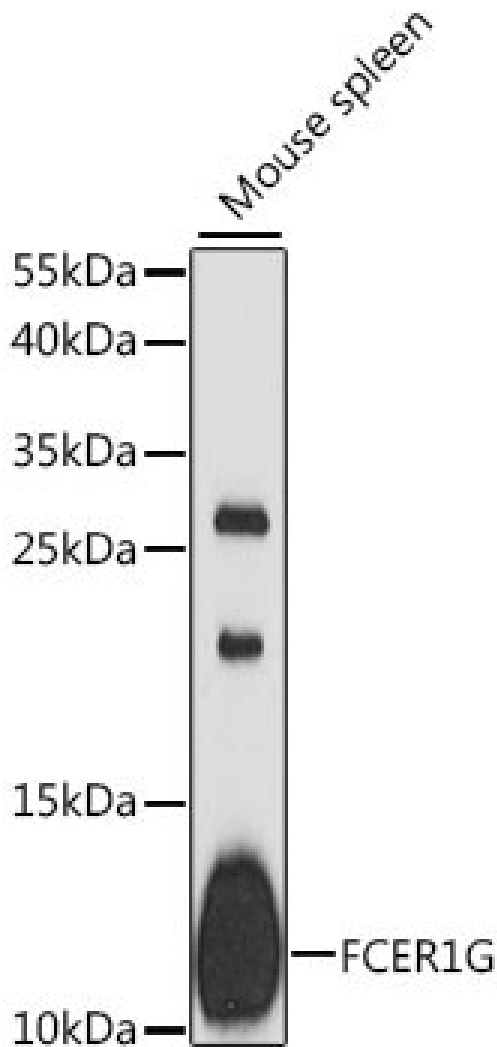
FCER1G Antibody (PA5-109716)

Antibody specificity was demonstrated by detection of differential basal expression of the target across cell lines owing to their inherent genetic constitution. Relative expression of FCER1G was observed in THP-1 and Raw 264.7 in comparison with SK-OV-3 and Neuro-2a respectively using FCER1G Polyclonal Antibody (Product # PA5-109716) in Western Blot. {RE}



FCER1G Antibody (PA5-109716) in WB

Western blot analysis of FCER1G in extracts of Mouse spleen. Samples were incubated with FCER1G Polyclonal antibody (Product # PA5-109716) using a dilution of 1:1,000, followed by HRP Goat Anti-Rabbit IgG (H+L) at a dilution of 1:10,000. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.



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