Product **Datasheet**

Anti-F4/80 Goat pAb

WLG0001

For Research Use Only.Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-F4/80 Goat pAb
Source	Goat
Species reactivity	Human, Mouse, Rat
Tested applications	WB 1:500-1:1000
Pack size	50/100/200/500/1000μl
Storage	Store at -20°C. Avoid freeze/thaw cycles.
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 μg/ml BSA, 50% glycerol and less than 0.02% sodium azide

General Information

Background

F4/80, also named as EMR1 and Gpf480, which is a member of the EGF TM7 family. The F4/80 molecule is solely expressed on the surface of macrophages and serves as a marker for mature macrophage tissues, including Kupffer cells in liver, splenic red pulp macrophages, brain microglia, gut lamina propria and Langerhans cells in the skin. The function of F4/80 is unclear, but it is speculated to be involved in macrophage adhesion events, cell migration or as a G protein-coupled signaling component of macrophages.

Immunogen

Polyclonal antibody is produced by immunizing animals with a synthetic peptide of F4/80.

Purification

Polyclonal antibody was purified by immunogen affinity chromatography.

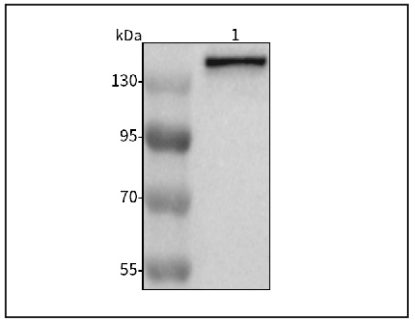
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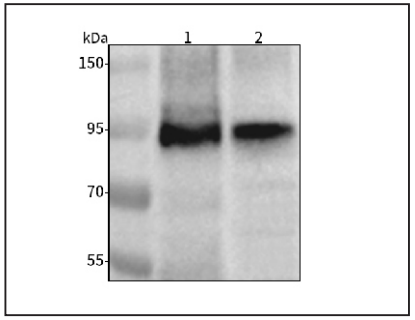
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Product Images



Western blot-Anti-F4/80 pAb

Lane 1: Human HL-60 cell lysate
All lanes: Anti-F4/80 at 1:500 dilution
Lysates/proteins at 20-50 μg per lane.
Predicted band size: 103 kDa
Observed band size: 90-160 kDa



Western blot-Anti-F4/80 pAb

Lane 1: Mouse spleen tissue lysate
Lane 2: Rat spleen tissue lysate
All lanes: Anti-F4/80 at 1:500 dilution
Lysates/proteins at 20-50 μg per lane.
Predicted band size: 103 kDa
Observed band size: 90-160 kDa

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