

Datasheet for ABIN784004
anti-F4/80 antibody (AA 626-886)

3 Images

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Overview

Quantity:	0.1 mL
Target:	F4/80 (EMR1)
Binding Specificity:	AA 626-886
Reactivity:	Mouse, Human, Rat, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This F4/80 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 626 and 886 of Human EMR1.
Isotype:	IgG
Specificity:	Recognizes EMR1. Cellular Localization: Cell membrane, Multi-pass membrane protein.
Cross-Reactivity (Details):	Species reactivity (expected): Mouse, Dog. Species reactivity (tested): Human, Rat.
Purification:	Antigen-Affinity Chromatography

Target Details

Target:	F4/80 (EMR1)
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Target Details

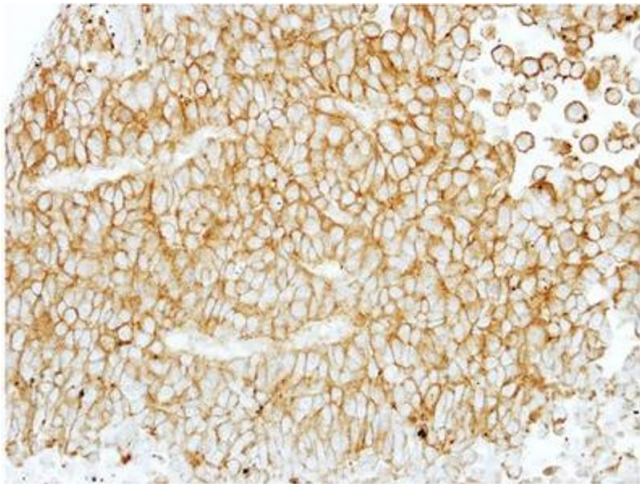
Alternative Name:	EMR1 / TM7LN3 (EMR1 Products)
Background:	This gene encodes a protein that has a domain resembling seven transmembrane G protein-coupled hormone receptors (7TM receptors) at its C-terminus. The N-terminus of the encoded protein has six EGF-like modules, separated from the transmembrane segments by a serine/threonine-rich domain, a feature reminiscent of mucin-like, single-span, integral membrane glycoproteins with adhesive properties. Synonyms: Cell surface glycoprotein EMR1, EGF-like module-containing mucin-like hormone receptor-like 1, EMR1 hormone receptor
Gene ID:	2015, 9606

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

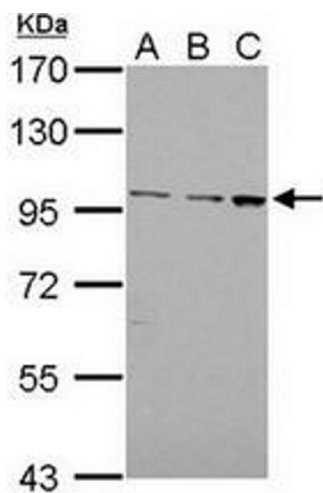
Handling

Format:	Liquid
Concentration:	1.0 mg/mL
Buffer:	0.1 M Tris, 0.1 M Glycine, 10 % Glycerol (pH 7), 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains thimerosal (merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store the antibody undiluted (in aliquots) at -20 °C.



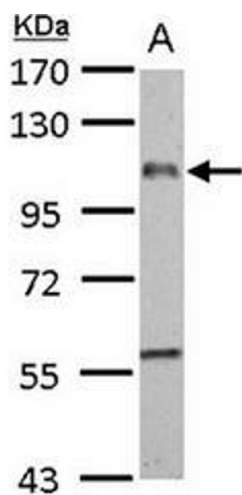
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. AP31133PU-N EMR1 antibody staining of Paraffin-Embedded PC13 xenograft at at 1/100 dilution.



Western Blotting

Image 2. AP31133PU-N EMR1 antibody staining of Jurkat (Lane A), Raji (Lane B) and K562 (Lane C) whole cell lysates (30 µg) at 1/1000 dilution, 7.5% SDS PAGE.



Western Blotting

Image 3. AP31133PU-N EMR1 antibody staining of Rat liver extract (Lane A), (50 µg/extract) at 1/1000 dilution, 7.5% SDS PAGE.