

EMC4 recombinant antibody

Recombinant Anti-EMC4 Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA266294	Rabbit	Human, Mouse, Rat	Immunocytochemistry, Immunofluorescence, Western Blot

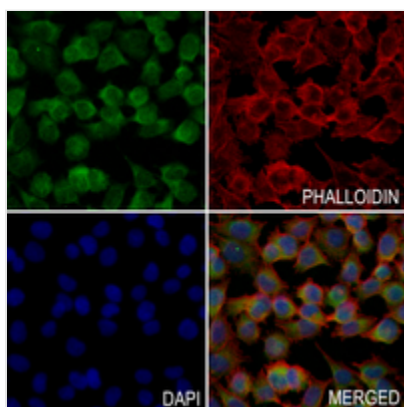
PRODUCT SYNONYMS

EMC4; Monoclonal Recombinant Antibody; Recombinant Anti-EMC4 Rabbit mAb; TMEM85; ER membrane protein complex subunit 4; Cell proliferation-inducing gene 17 protein; Transmembrane protein 85; EMC4 recombinant antibody

PRODUCT SPECIFICATIONS

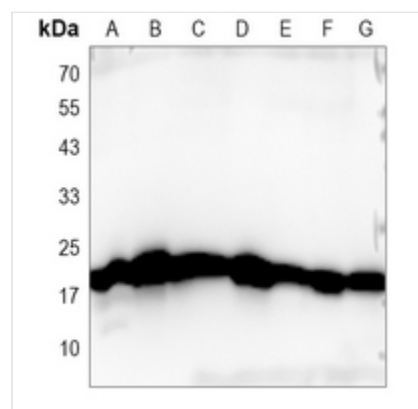
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Specificity	Recognizes endogenous levels of EMC4 protein
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in PBS, pH7.4, containing 50% glycerol, 0.2% BSA and 0.01% sodium azide.
Applicable Applications for EMC4 recombinant antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within human EMC4. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescent analysis of EMC4 staining in A375 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 degree C in a humidified chamber. Cells were washed with PBST and incubated with an AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).



WB (Western Blot)

Western blot analysis of EMC4 expression in A549 (A), Hela (B), THP1 (C), mouse liver (D), mouse muscle (E), rat liver (F), rat muscle (G) whole cell lysates. (Predicted band size: 20 kD; Observed band size: 18 kD)

ADDITIONAL INFORMATION

Related Product Information for EMC4 recombinant antibody	Recombinant rabbit monoclonal antibody to EMC4
Product Categories/Family for EMC4 recombinant antibody	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	556695460
NCBI GeneID	51234
NCBI Accession #	NP_001273349.1
NCBI GenBank Nucleotide #	NM_001286420.1
UniProt Accession #	Q5J8M3; Q9CZX9
Molecular Weight	20,087 Da
NCBI Official Full Name	ER membrane protein complex subunit 4 isoform b
NCBI Official Synonym Full Names	ER membrane protein complex subunit 4
NCBI Official Symbol	EMC4
NCBI Official Synonym Symbols	PIG17; TMEM85
NCBI Protein Information	ER membrane protein complex subunit 4; transmembrane protein 85; cell proliferation-inducing gene 17 protein
UniProt Protein Name	ER membrane protein complex subunit 4
UniProt Gene Name	EMC4
UniProt Synonym Gene Names	TMEM85; HSPC184; PIG17
UniProt Entry Name	EMC4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/monoclonal/emc4-recombinant-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/266294>