

Rabbit TM111 Polyclonal Antibody | anti-EMC3 antibody

TM111 Antibody (N-term)

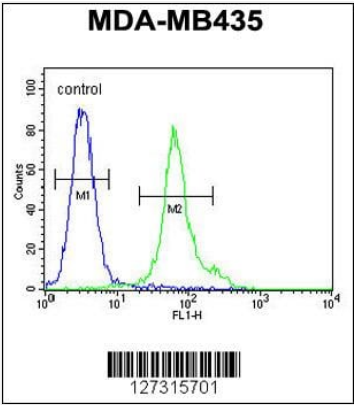
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288342	Rabbit	Human (Predicted Reactivity: Bovine, Zebrafish, Mouse, Rat)	Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

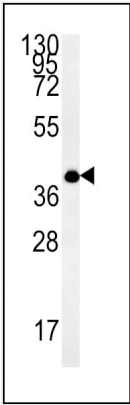
TM111; Polyclonal Antibody; TM111 Antibody (N-term); ER membrane protein complex subunit 3; Transmembrane protein 111; EMC3; TMEM111; anti-EMC3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine, Zebrafish, Mouse, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This TM111 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 42-70 amino acids from the N-terminal region of human TM111.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	42-70
Sequence Length	261
Applicable Applications for anti-EMC3 antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
TM111 Antibody (N-term) flow cytometric analysis of MDA-MB435 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
TM111 Antibody (N-term) western blot analysis in MDA-MB435 cell line lysates (35ug/lane). This demonstrates the TM111 antibody detected the TM111 protein (arrow).

ADDITIONAL INFORMATION

Product Categories/Family for anti-EMC3 antibody	Cell Biology
References	Hu, R.M., et al. Proc. Natl. Acad. Sci. U.S.A. 97(17):9543-9548(2000)

NCBI AND UNIPROT INFORMATION

NCBI GI #	8923857
NCBI GeneID	55831
NCBI Accession #	NP_060917.1
NCBI GenBank Nucleotide #	NM_018447.2
UniProt Accession #	Q9P0I2; Q53GH8; Q6ZMC2; B2R4Z9
Molecular Weight	29952
NCBI Official Full Name	ER membrane protein complex subunit 3
NCBI Official Synonym Full Names	ER membrane protein complex subunit 3
NCBI Official Symbol	EMC3
NCBI Official Synonym Symbols	POB; TMEM111
NCBI Protein Information	ER membrane protein complex subunit 3
UniProt Protein Name	ER membrane protein complex subunit 3
UniProt Gene Name	EMC3
UniProt Synonym Gene Names	TMEM111
UniProt Entry Name	EMC3_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.