

Rabbit DC13 Polyclonal Antibody | anti-CMC2 antibody

DC13 Antibody (N-term)

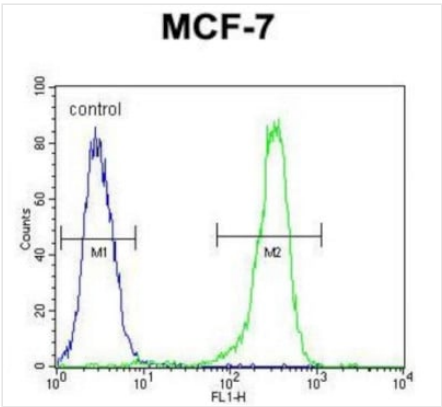
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287997	Rabbit	Human, mouse (Predicted Reactivity: Bovine)	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

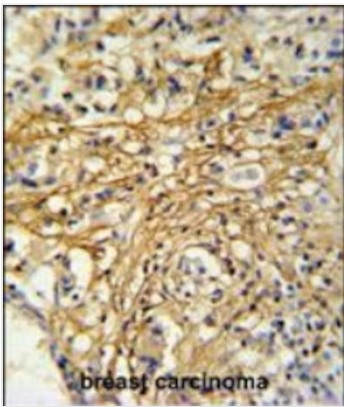
DC13; Polyclonal Antibody; DC13 Antibody (N-term); COX assembly mitochondrial protein 2 homolog; CMC2; C16orf61; anti-CMC2 antibody

PRODUCT SPECIFICATIONS

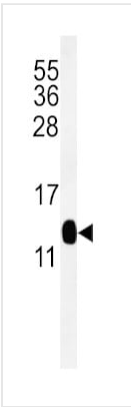
Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Bovine)
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	This DC13 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human DC13.
Purity/Purification	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Sequence Positions	1-30
Sequence Length	79
Applicable Applications for anti-CMC2 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Function	May be involved in cytochrome c oxidase biogenesis
Cellular location	Mitochondrion
Preparation and Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
DC13 Antibody (N-term) flow cytometric analysis of MCF-7 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
DC13 Antibody (N-term) IHC analysis in formalin fixed and paraffin embedded human breast carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the DC13 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of DC13 Antibody (N-term) in mouse kidney tissue lysates (35ug/lane). DC13 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Product Categories/Family for anti-CMC2 antibody	Signal Transduction
References	Dastani, Z., et al. Eur. J. Hum. Genet. (2009).

NCBI AND UNIPROT INFORMATION

NCBI GI #	9910184
NCBI GeneID	56942
NCBI Accession #	NP_064573.1
NCBI GenBank Nucleotide #	NM_020188.3
UniProt Accession #	Q9NRP2; D3DUK6
Molecular Weight	9460
NCBI Official Full Name	COX assembly mitochondrial protein 2 homolog
NCBI Official Synonym Full Names	C-x(9)-C motif containing 2

NCBI Official Symbol	CMC2
NCBI Official Synonym Symbols	DC13; C16orf61; 2310061C15Rik
NCBI Protein Information	COX assembly mitochondrial protein 2 homolog
UniProt Protein Name	COX assembly mitochondrial protein 2 homolog
UniProt Gene Name	CMC2
UniProt Synonym Gene Names	C16orf61
UniProt Entry Name	COXM2_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/polyclonal/dc13-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/287997>