Rabbit anti-Human C6 Polyclonal Antibody | anti-C6 antibody

C6 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287430	**Rabbit**	**Human**	**Western Blot, Immunofluorescence, Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA**

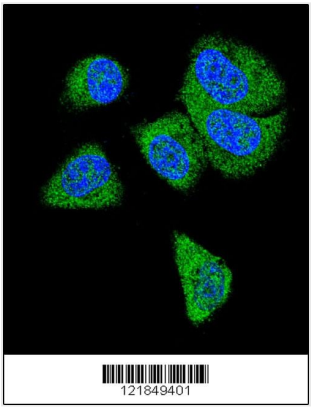
PRODUCT SYNONYMS

C6; Polyclonal Antibody; C6 Antibody (N-term); Complement component C6; anti-C6 antibody

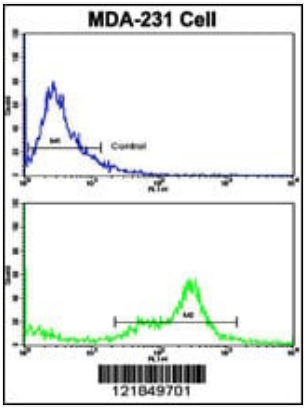
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This C6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 30-58 amino acids from the N-terminal region of human C6.
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: 0.45 (varies by lot)
Sequence Positions	30-58
Sequence Length	934
Applicable Applications for anti-C6 antibody	WB (Western Blot), IF (Immunofluorescence), FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA
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.

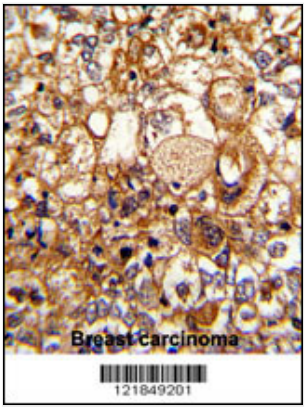
IMAGES



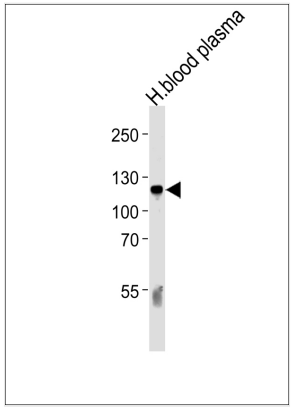
IF (Immunofluorescence)
Confocal immunofluorescent analysis of C6 Antibody (N-term) with MDA-MB231 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).



FCM/FACS (Flow Cytometry)
Flow cytometric analysis of MDA-231 cells using C6 Antibody (N-term)(bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human breast carcinoma reacted with C6 Antibody (N-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of lysate from human blood plasma tissue lysate, using C6 Antibody (N-term). AAA287430 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug per lane.

ADDITIONAL INFORMATION

Related Product Information for anti-C6 antibody	C6 is a component of complement cascade. It is part of the membrane attack complex which can insert into the cell membrane and cause cell to lyse. People with C6 deficiency are prone to bacterial infection.
Product Categories/Family for anti-C6 antibody	Immunology
References	Wu,C., et.al., Proteomics 7 (11), 1775-1785 (2007)

NCBI AND UNIPROT INFORMATION

NCBI GI #	169636415
NCBI GeneID	729
NCBI Accession #	NP_000056.2; NP_001108603.2
NCBI GenBank Nucleotide #	NM_000065.3
UniProt Accession #	P13671
Molecular Weight	104786

NCBI Official Full Name	complement component C6
NCBI Official Synonym Full Names	complement component 6
NCBI Official Symbol	C6
NCBI Protein Information	complement component C6
UniProt Protein Name	Complement component C6
UniProt Gene Name	**C6**
UniProt Entry Name	CO6_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/c6-antibody-western-blot-immunofluorescence-flow-cytometry-immunohistochemistry-elisa/287430