

Rabbit ELMO2 Polyclonal Antibody | anti-ELMO2 antibody

ELMO2 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285577	Rabbit	Human (Predicted Reactivity: Bovine, Mouse)	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

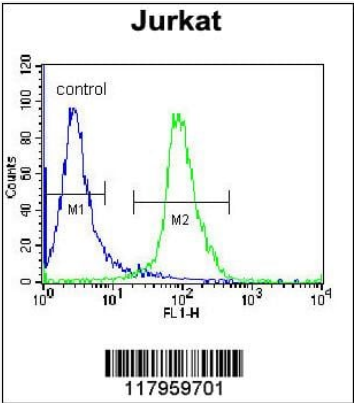
PRODUCT SYNONYMS

ELMO2; Polyclonal Antibody; ELMO2 Antibody (Center); Engulfment and cell motility protein 2; Protein ced-12 homolog A; hCed-12A; CED12A; KIAA1834; anti-ELMO2 antibody

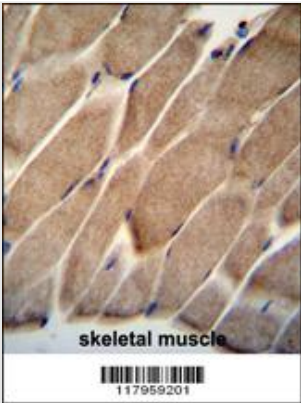
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine, Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This ELMO2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 323-350 amino acids from the Central region of human ELMO2.
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: 0.39 (varies by lot)
Sequence Positions	323-350
Sequence Length	632
Applicable Applications for anti-ELMO2 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), 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.

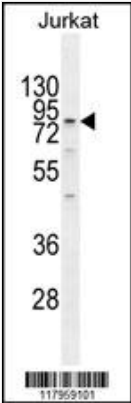
IMAGES



FCM/FACS (Flow Cytometry)
ELMO2 Antibody (Center) flow cytometric analysis of Jurkat cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated donkey-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohiostchemistry)
ELMO2 Antibody (Center) immunohistochemistry analysis in formalin fixed and paraffin embedded human skeletal muscle followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of ELMO2 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
ELMO2 Antibody (Center) western blot analysis in Jurkat cell line lysates (35ug/lane).This demonstrates the ELMO2 antibody detected the ELMO2 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-ELMO2 antibody	The protein encoded by this gene interacts with the dedicator of cyto-kinesis 1 protein. Similarity to a C. elegans protein suggests that this protein may function in phagocytosis of apoptotic cells and in cell migration. Alternative splicing results in multiple transcript variants encoding the same protein.
Product Categories/Family for anti-ELMO2 antibody	Cell Biology; Metabolism
References	Bento, J.L., et al. Genomics 92(4):226-234(2008) Rikova, K., et al. Cell 131(6):1190-1203(2007) Zhang, Y., et al. Mol. Cell Proteomics 4(9):1240-1250(2005) Zhang, Y., et al. Mol. Cell Proteomics 4(9):1240-1250(2005) Castelo, R., et al. Nucleic Acids Res. 33(6):1935-1939(2005)

NCBI AND UNIPROT INFORMATION

NCBI GI #	19718769
NCBI GeneID	63916
NCBI Accession #	NP_573403.1; NP_877496.1

NCBI GenBank Nucleotide #	NM_133171.3
UniProt Accession #	Q96JJ3; Q5JVZ6; Q7Z5G9; Q96CJ2; Q96ME5; Q96PA9; Q9H938; Q9H9L5; Q9HAH0; Q9NQQ6; E1P5T3
Molecular Weight	82615
NCBI Official Full Name	engulfment and cell motility protein 2
NCBI Official Synonym Full Names	engulfment and cell motility 2
NCBI Official Symbol	ELMO2
NCBI Official Synonym Symbols	CED12; CED-12; ELMO-2
NCBI Protein Information	engulfment and cell motility protein 2
UniProt Protein Name	Engulfment and cell motility protein 2
UniProt Gene Name	ELMO2
UniProt Synonym Gene Names	CED12A; KIAA1834; hCed-12A
UniProt Entry Name	ELMO2_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/elmo2-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/285577>