

# Anti-ELMO1 Rabbit Monoclonal Antibody

Catalog # ABO15303

## Product Information

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|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Application</b>       | WB, IF, ICC, IP, FC                                                                                                                         |
| <b>Primary Accession</b> | <a href="#">Q92556</a>                                                                                                                      |
| <b>Host</b>              | Rabbit                                                                                                                                      |
| <b>Isotype</b>           | IgG                                                                                                                                         |
| <b>Reactivity</b>        | Rat, Human, Mouse                                                                                                                           |
| <b>Clonality</b>         | Monoclonal                                                                                                                                  |
| <b>Format</b>            | Liquid                                                                                                                                      |
| <b>Description</b>       | Anti-ELMO1 Rabbit Monoclonal Antibody . Tested in WB, ICC/IF, IP, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat. |

## Additional Information

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|----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene ID</b>                         | 9844                                                                                                                                       |
| <b>Other Names</b>                     | Engulfment and cell motility protein 1, Protein ced-12 homolog, ELMO1, KIAA0281                                                            |
| <b>Calculated MW</b>                   | 83829                                                                                                                                      |
| <b>Application Details</b>             | WB 1:500-1:2000<br>ICC/IF 1:50-1:200<br>IP 1:50<br>FC 1:50                                                                                 |
| <b>Source</b>                          | Eukaryota                                                                                                                                  |
| <b>Contents</b>                        | Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.                        |
| <b>Clone Names</b><br><b>Immunogen</b> | Clone: 18E79<br>A synthesized peptide derived from human ELMO1                                                                             |
| <b>Purification</b>                    | Affinity-chromatography                                                                                                                    |
| <b>Storage</b>                         | Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles. |

## Protein Information

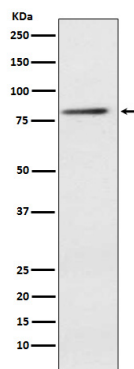
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|-----------------|----------|
| <b>Name</b>     | ELMO1    |
| <b>Synonyms</b> | KIAA0281 |

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| <b>Function</b>          | Regulates the activity of DOCK guanine nucleotide exchange factors (GEFs) (PubMed: <a href="#">11595183</a> , PubMed: <a href="#">12134158</a> , PubMed: <a href="#">32651375</a> , PubMed: <a href="#">38857861</a> ). Acts in association with DOCK1, DOCK2, DOCK5 and CRK (PubMed: <a href="#">11595183</a> , PubMed: <a href="#">12134158</a> , PubMed: <a href="#">32651375</a> , PubMed: <a href="#">38857861</a> ). Promotes RAC1 activation by DOCK5; the activity is stimulated by RHOG (PubMed: <a href="#">38857861</a> ). Involved in cytoskeletal rearrangements required for phagocytosis of apoptotic cells and cell motility (PubMed: <a href="#">11595183</a> ). |
| <b>Cellular Location</b> | Cytoplasm. Cell membrane. Note=Translocation to plasma membrane seems to be mediated by DOCK1 and CRK                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Tissue Location</b>   | Widely expressed, with a higher expression in the spleen and placenta                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

## Images

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Western blot analysis of ELMO1 expression in Jurkat cell lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.