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Product datasheet for AM26768PU-N

OPA1L (WBP1L) (152-342) Mouse Monoclonal Antibody [Clone ID: OPAL1-01]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OPAL1-01
Applications:	FC, WB
Recommended Dilution:	**Flow cytometry** (intracellular staining): Recommended dilution: 1-4 µg/ml. **Western blot:** Recommended dilution: 1-2 µg/ml, non-reducing conditions.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Recombinant fragment of human OPAL1 (amino acids 152-342)
Specificity:	This antibody recognizes OPAL1 (outcome predictor in acute leukemia 1), a transmembrane adaptor protein expressed mainly by megacaryocytes and platelets.
Formulation:	Tris buffered saline (TBS) State: Purified State: Liquid ig fraction Preservative: 15 mM sodium azide, approx. pH 8.0
Concentration:	lot specific
Purification:	Protein-A affinity chromatography (> 95% by SDS-PAGE)
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C. **DO NOT FREEZE!**
Stability:	Shelf life: one year from despatch.
Gene Name:	WW domain binding protein 1-like
Database Link:	Entrez Gene 54838 Human Q9NX94

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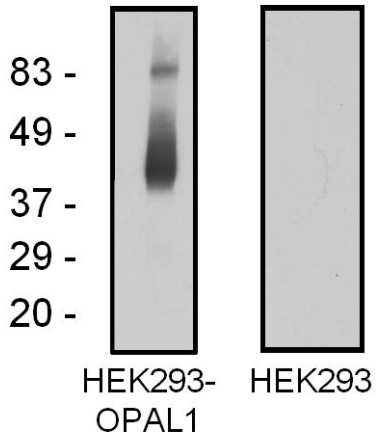
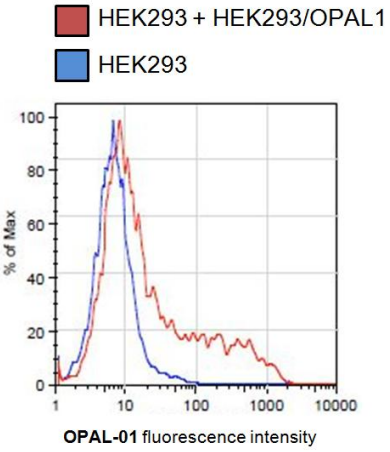
Background: OPAL1 (outcome predictor in acute leukemia 1) is an almost uncharacterized transmembrane adaptor protein expressed mainly by megacaryocytes and platelets. Its expression is enhanced on TEL/AML leukemic cells. The function of OPAL1 is unknown, although the presence of a cytochrome c-like heme-binding site and a transmembrane domain suggested OPAL1 may be involved in the mitochondrial electron transport chain. Its originally reported prognostic impact appears to be treatment dependent.

Synonyms: C10orf26, OPA1L, Outcome predictor in acute leukemia 1

Product images:



Western blotting analysis of OPAL1 in OPAL1-transfected HEK293 cells using mouse monoclonal antibody OPAL1-01.



Flow cytometry analysis of OPAL-transfected HEK293 cells using mouse monoclonal antibody OPAL1-01.