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Datasheet for ABIN2749162

anti-OPAL1 antibody (AA 152-342) (PE)

4 Images

Overview

Quantity:	0.1 mg
Target:	OPAL1 (WBP1L)
Binding Specificity:	AA 152-342
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This OPAL1 antibody is conjugated to PE
Application:	Flow Cytometry (FACS)

Product Details

Immunogen:	Recombinant fragment of human OPAL1 (amino acids 152-342)
Clone:	OPAL1-01
Isotype:	IgG2a
Specificity:	The mouse monoclonal antibody OPAL1-01 recognizes an intracellular epitope of OPAL1 (outcome predictor in acute leukemia 1), a transmembrane adaptor protein expressed mainly by megacaryocytes and platelets.
Cross-Reactivity (Details):	Human
Purification:	Purified antibody is conjugated with R-phycoerythrin (PE) under optimum conditions. Unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.

Target Details

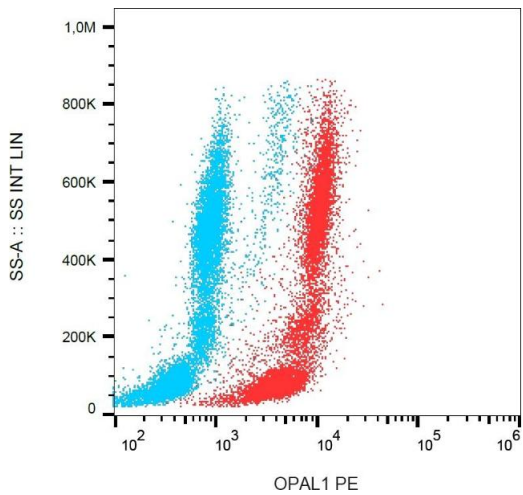
Target:	OPAL1 (WBP1L)
Alternative Name:	OPAL1 (WBP1L Products)
Background:	WW domain binding protein 1 like,OPAL1 (outcome predictor in acute leukemia 1) is an almost uncharacterized transmembrane adaptor protein expressed mainly by megacaryocytes and platelets. Its expression is enhanced on TEL/AML 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.,WBP1L
Gene ID:	54838
UniProt:	Q9NX94

Application Details

Application Notes:	Flow cytometry: Recommended dilution: 1-5 µg/mL. Intracellular staining.
Comment:	The purified antibody is conjugated with R-Phycoerythrin (PE) under optimum conditions. The conjugate was purified by size-exclusion chromatography.
Restrictions:	For Research Use only

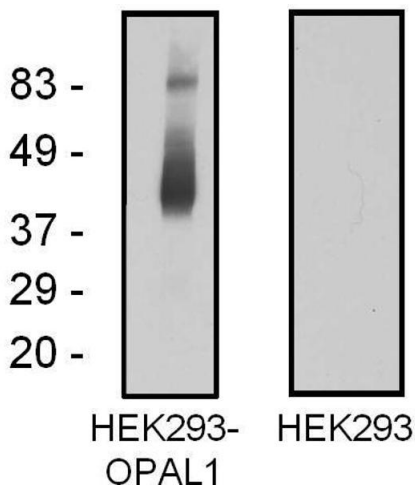
Handling

Concentration:	0.1 mg/mL
Buffer:	Stabilizing phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C
Storage Comment:	Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze.



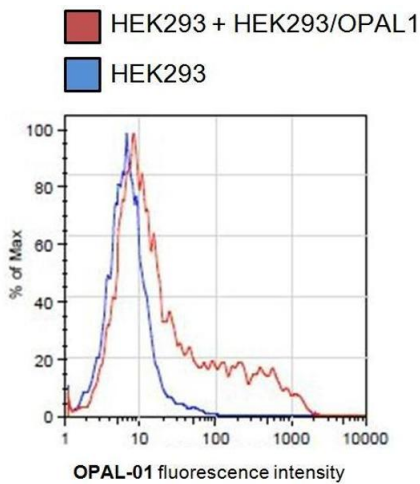
Flow Cytometry

Image 1. Flow cytometry analysis of OPAL1 in human peripheral blood using mouse monoclonal antibody anti-OPAL1 (OPAL1-01) PE antibody (red). Blank sample is shown blue.



Western Blotting

Image 2. Western blotting analysis of OPAL1 in OPAL1-transfected HEK293 cells using mouse monoclonal antibody OPAL1-01.



Flow Cytometry

Image 3. Flow cytometry analysis of OPAL-transfected HEK293 cells using mouse monoclonal antibody

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN2749162.