

Datasheet for ABIN952150
anti-EYA4 antibody (C-Term)

3 Images

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Overview

Quantity:	0.4 mL
Target:	EYA4
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EYA4 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide from the C-terminal region of human EYA4
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human EYA4 (C-term).
Purification:	Protein A column, followed by peptide affinity purification

Target Details

Target:	EYA4
Alternative Name:	EYA4 (EYA4 Products)
Background:	EYA4 encodes a member of the eyes absent (EYA) family of proteins. The encoded protein may

Target Details

act as a transcriptional activator through its protein phosphatase activity, and it may be important for eye development, and for continued function of the mature organ of Corti.Synonyms: Eyes absent homolog 4

Molecular Weight: 69505 Da

Gene ID: 2070

NCBI Accession: [NP_004091](#)

Pathways: [Sensory Perception of Sound](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: PBS containing 0.09 % (W/V) Sodium Azide as preservative

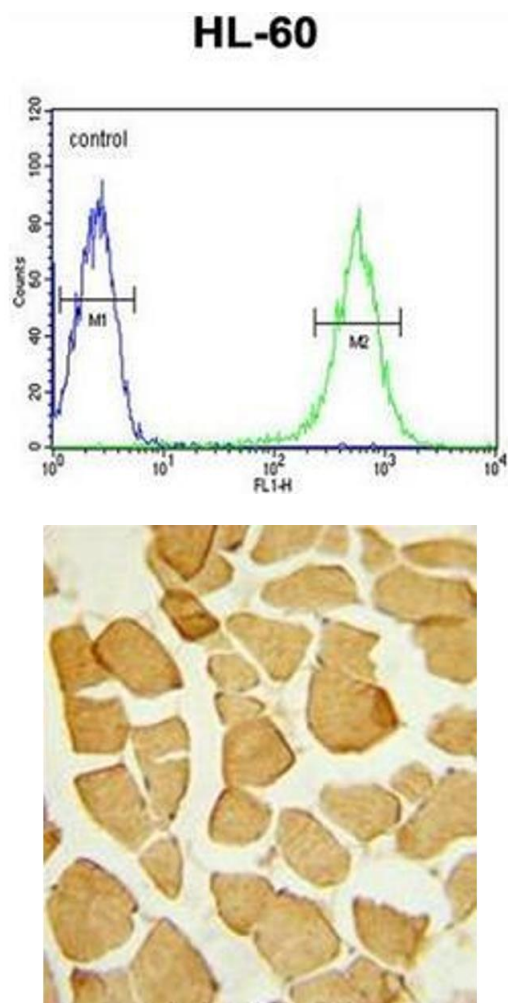
Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.

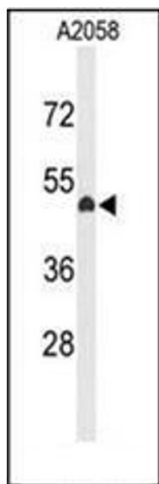


Flow Cytometry

Image 1. Flow cytometry analysis of HL-60 cells using EYA4 Antibody (C-term) Cat.-No AP51489PU-N (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Formalin-fixed and paraffin-embedded human skeletal muscle reacted with EYA4 Antibody (C-term) followed which was peroxidase-conjugated to the secondary antibody, followed by DAB staining.



Western Blotting

Image 3. Western blot analysis of EYA4 Antibody (C-term) in A2058 cell line lysates (35ug/lane). EYA4 (arrow) was detected using the purified Pab.