Datasheet for ABIN952119

anti-ESCO2 antibody (Middle Region)

2 Images

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Overview

Quantity:	0.4 mL
Target:	ESCO2
Binding Specificity:	AA 135-165, Middle Region
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ESCO2 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 135-165 amino acids from the Central region of Human ESCO2
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human and Mouse ESCO2 (Center).
Cross-Reactivity (Details):	Species reactivity (tested):Human, Mouse
Purification:	Affinity Chromatography on Protein A

Target Details

Target:	ESCO2
Alternative Name:	ESCO2 (ESCO2 Products)

Target Details

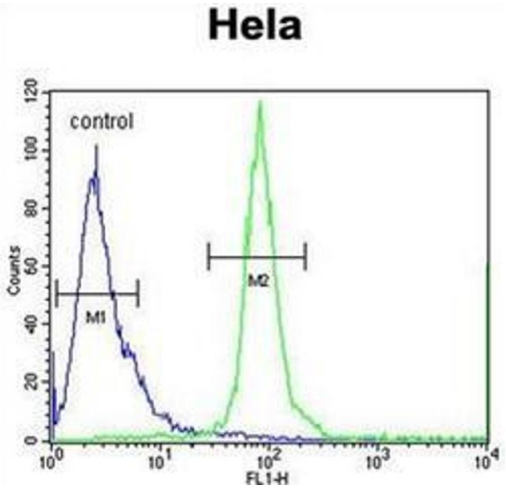
Background:	This gene encodes a protein that may have acetyltransferase activity and may be required for the establishment of sister chromatid cohesion during the S phase of mitosis. Mutations in this gene have been associated with Roberts syndrome.Synonyms: N-acetyltransferase ESCO2
Molecular Weight:	68307 Da
Gene ID:	157570
NCBI Accession:	NP_001017420
Pathways:	Positive Regulation of Endopeptidase Activity

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

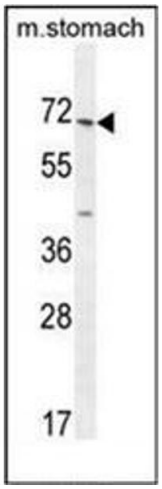
Handling

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 cytometric analysis of Hela cells using ESCO2 Antibody (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Western Blotting

Image 2. Western blot analysis of ESCO2 Antibody in mouse stomach tissue lysates (35ug/lane). This demonstrates the ESCO2 antibody detected the ESCO2 protein (arrow).