

Datasheet for ABIN955006
anti-SUMF1 antibody (C-Term)[Go to Product page](#)

3 Images

Overview

Quantity:	0.4 mL
Target:	SUMF1
Binding Specificity:	AA 310-339, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SUMF1 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 between 310~339 amino acids from the C-terminal region of Human SUMF1
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human SUMF1 (C-term).
Purification:	Affinity chromatography on Protein A

Target Details

Target:	SUMF1
Alternative Name:	SUMF1 / FGE (SUMF1 Products)

Target Details

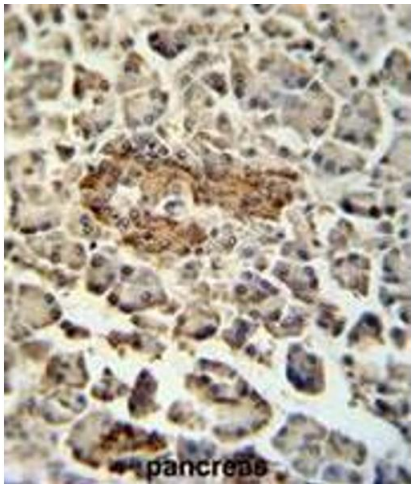
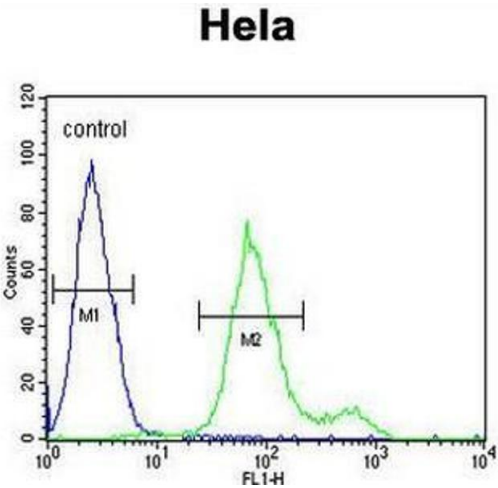
Background:	SUMF1 encodes an enzyme that catalyzes the hydrolysis of sulfate esters by oxidizing a cysteine residue in the substrate sulfatase to an active site 3-oxoalanine residue, which is also known as C-alpha-formylglycine.Synonyms: C-alpha-formylglycine-generating enzyme 1, Sulfatase-modifying factor 1
Molecular Weight:	40659 Da
Gene ID:	285362
NCBI Accession:	NP_877437

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, 0.09 % (W/V) 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.
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. SUMF1 Antibody (C-Term) flow cytometric analysis of Hela cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Immunohistochemistry (Paraffin-embedded Sections)

Image 2. SUMF1 Antibody (C-Term) immunohistochemistry analysis in formalin fixed and paraffin embedded human pancreas tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the SUMF1 Antibody (C-Term) for immunohistochemistry. Clinical relevance has not been evaluated.

Western Blotting

Image 3. Western blot analysis of SUMF1 Antibody (C-Term) in Hela cell line lysates (35µg/lane). SUMF1 (arrow) was detected using the purified Pab.