Datasheet for ABIN951792

anti-CST9 antibody (C-Term)

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Overview

Quantity:	0.4 mL
Target:	CST9
Binding Specificity:	AA 99-127, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CST9 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 99-127 amino acids from the C-terminal region of human CST9.
Isotype:	Ig Fraction
Specificity:	This antibody reacts to human CST9.
Purification:	Affinity chromatography on Protein A

Target Details

Target:	CST9
Alternative Name:	Cystatin 9 (CST9 Products)

Target Details

Background:	Synonyms: CLM, CST9, Cystatin-like molecule
Molecular Weight:	18135 Da
Gene ID:	128822
NCBI Accession:	NP_001008693

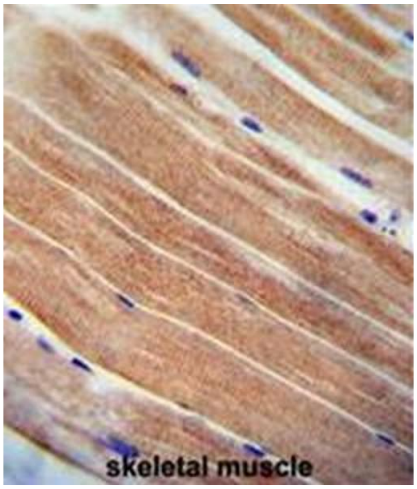
Application Details

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

Handling

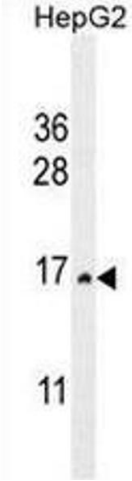
Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS, 0.09 % (W/V) sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.

Images



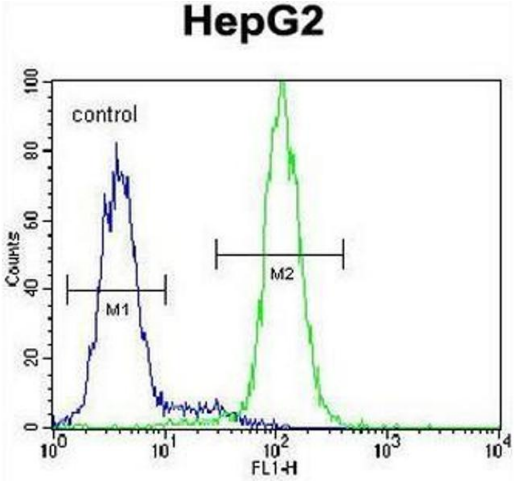
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. CST9 antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human skeletal muscle followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the CST9 antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



Western Blotting

Image 2. CST9 Antibody (C-term) western blot analysis in HepG2 cell line lysates (35µg/lane).This demonstrates the CST9 antibody detected the CST9 protein (arrow).



Flow Cytometry

Image 3. CST9 Antibody (C-term) flow cytometric analysis of HepG2 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.