

Datasheet for ABIN955573
anti-WFDC12 antibody (C-Term)[Go to Product page](#)

3 Images

Overview

Quantity:	0.4 mL
Target:	WFDC12
Binding Specificity:	AA 73-102, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 73-102 amino acids from the C-terminal region of human WFDC12
Isotype:	Ig Fraction
Specificity:	This antibody detects WFDC12 / WAP2 (C-term).
Cross-Reactivity (Details):	Species reactivity (tested):Human
Purification:	Protein A column followed by peptide affinity purification

Target Details

Target:	WFDC12
Alternative Name:	WFDC12 / WAP2 (WFDC12 Products)

Target Details

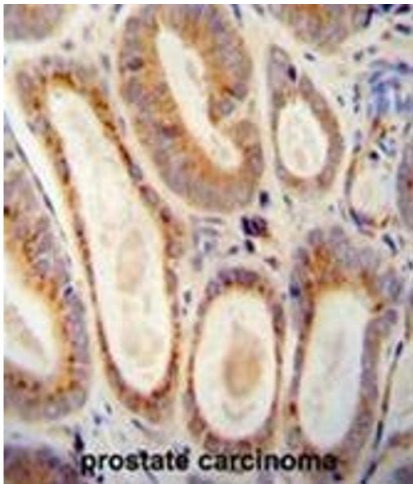
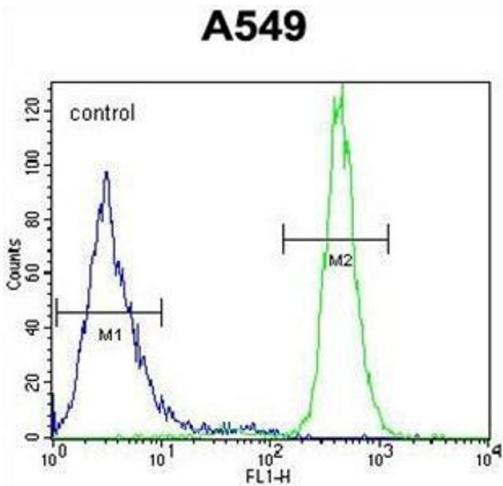
Background:	This gene encodes a member of the WAP-type four-disulfide core (WFDC) domain family. The WFDC domain, or WAP signature motif, contains eight cysteines forming four disulfide bonds at the core of the protein, and functions as a protease inhibitor. Most WFDC gene members are localized to chromosome 20q12-q13 in two clusters: centromeric and telomeric. This gene belongs to the centromeric cluster.Synonyms: C20orf122, Putative protease inhibitor WAP12, UNQ544/PRO844, WAP four-disulfide core domain protein 12, Whey acidic protein 2
Gene ID:	128488
NCBI Accession:	NP_543145

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 with 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 at 2 - 8 °C for up to six months or (in aliquots) at -20 °C for longer.



Flow Cytometry

Image 1. WFDC12 Antibody (C-term) (AP54561PU-N) flow cytometric analysis of A549 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. WFDC12 antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human prostate carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the WFDC12 antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

Western Blotting

Image 3. WFDC12 Antibody (C-term) western blot analysis in A549 cell line lysates (35 µg/lane). This demonstrates the WFDC12 antibody detected the WFDC12 protein (arrow).