

Datasheet for ABIN953447
anti-OGN antibody (C-Term)[Go to Product page](#)

4 Images

Overview

Quantity:	0.4 mL
Target:	OGN
Binding Specificity:	AA 253-284, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OGN 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 253-284 amino acids from the C-terminal region of Human Mimecan. Genename: ONG
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human Mimecan (C-term).
Purification:	Protein A column, followed by peptide affinity purification

Target Details

Target:	OGN
Alternative Name:	Mimecan (OGN Products)

Target Details

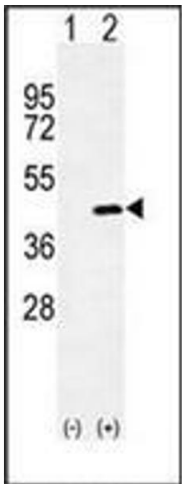
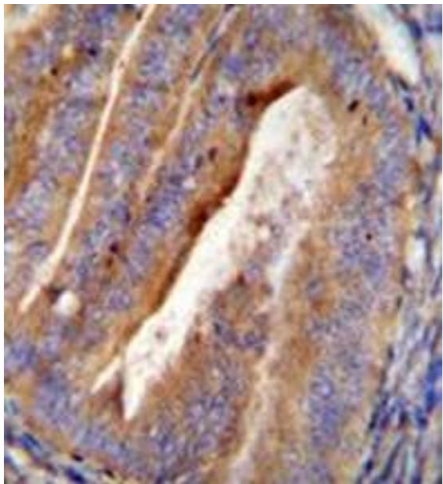
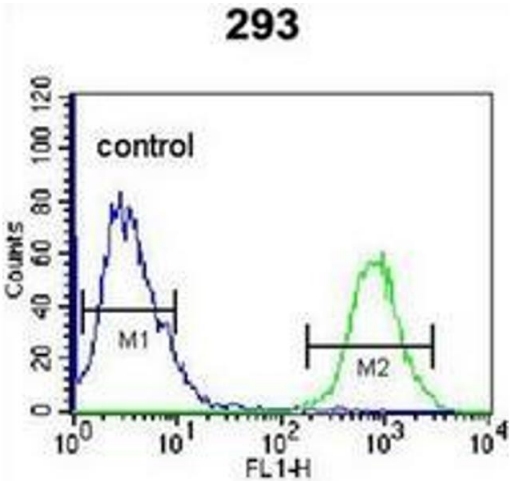
Background:	This gene encodes a protein which induces ectopic bone formation in conjunction with transforming growth factor beta. This protein is a small proteoglycan which contains tandem leucine-rich repeats (LRR). Alternatively spliced transcript variants that encode the same protein have been found for this gene. [provided by RefSeq].Synonyms: OGN, OIF, Osteoglycin, Osteoinductive factor, SLRR3A
Molecular Weight:	33922 Da
Gene ID:	4969
NCBI Accession:	NP_054776
Pathways:	Glycosaminoglycan Metabolic Process

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 293 cells using OGN Antibody (C-term) Cat.-No AP52994PU-N (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. Immunohistochemistry analysis in formalin fixed and paraffin embedded human uterus tissue reacted with OGN Antibody (C-term) followed by peroxidase conjugation of the secondary antibody and DAB staining.T

Western Blotting

Image 3. Western blot analysis of OGN (arrow) using rabbit polyclonal OGN Antibody (C-term) Cat.-No AP52994PU-N. 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the OGN gene.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN953447.