# antibodies - online.com







## anti-MIA2 antibody (N-Term)







Overview	
Quantity:	100 μL
Target:	MIA2
Binding Specificity:	N-Term
Reactivity:	Human, Cow, Pig, Dog, Horse, Rabbit, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MIA2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)
Product Details	
Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human CTAGE5
Sequence:	DEILCLEKEL KEEKSKHSEQ DELMADISKR IQSLEDESKS LKSQVAEAKM
Predicted Reactivity:	Cow: 93%, Dog: 93%, Horse: 100%, Human: 100%, Mouse: 77%, Pig: 93%, Rabbit: 85%, Rat: 86%
Characteristics:	This is a rabbit polyclonal antibody against CTAGE5. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified
Target Details	
Target:	MIA2

### **Target Details**

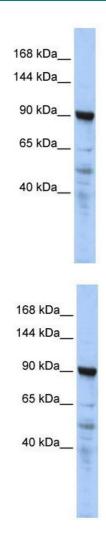
Alternative Name:	CTAGE5 (MIA2 Products)
Background:	CTAGE5 is a tumor-associated antigen.
	Alias Symbols: MEA6, MGEA, MGEA11, MGEA6
	Protein Interaction Partner: RASAL2, PSMA3, AES, MAGEB18, TTC23L, CCHCR1, SS18L1,
	EMILIN1, CEP57, DGCR6, Dlg4, UBC, GRB2, ALB,
	Protein Size: 804
Molecular Weight:	91 kDa
Gene ID:	4253
NCBI Accession:	NM_005930, NP_005921
UniProt:	015320

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 804 AA
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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 freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



#### **Western Blotting**

**Image 1.** WB Suggested Anti-CTAGE5 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: HepG2 cell lysate CTAGE5 is strongly supported by BioGPS gene expression data to be expressed in Human HepG2 cells

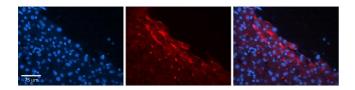
#### **Western Blotting**

Image 2. WB Suggested Anti-CTAGE5

Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:.2500

Positive Control: HepG2 cell lysate

CTAGE5 is strongly supported by BioGPS gene expression data to be expressed in Human HepG2 cells



#### **Immunohistochemistry**

**Image 3.** Rabbit Anti-CTAGE5 Antibody Formalin Fixed Paraffin Embedded Tissue: Human Liver Tissue Observed Staining: Plasma membrane in hepatocytes Primary Antibody Concentration: 1:100 Other Working Concentrations: N/A Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary Antibody Concentration: 1:200 Magnification: 20X Exposure Time: 0.5 - 2.0 sec