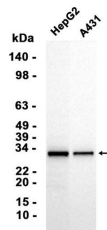


Recombinant IGFBP7 Monoclonal Antibody

catalog number: AN300063P

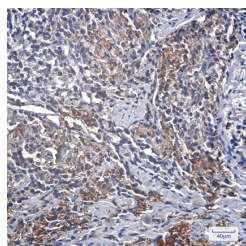
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description	
Reactivity	Human
Immunogen	Recombinant Human IGFBP7 protein
Host	Rabbit
Isotype	IgG
Clone	A1173
Purification	Protein A
Buffer	0.2 µm filtered solution in PBS
Applications	
Recommended Dilution	
WB:	1:1000-1:5000; IHC-P: 1:100-1:200; ICC/IF: 1:100; FC: 1:50-1:100
Data	

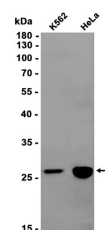


Western blot analysis of extracts from HepG2, A431 cells at 1:1000.

Observed-MW:29 kDa
Calculated-MW:29 kDa

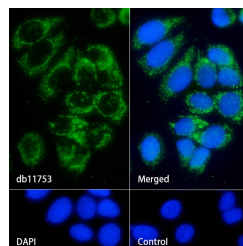


Immunohistochemical analysis of paraffin-embedded human lung cancer .



Western blot analysis of extracts from K562, HeLa cells at 1:1000.

Observed-MW:29 kDa
Calculated-MW:29 kDa



Immunofluorescence analysis of MCF-7 cells labelling IGFBP7. The cells were fixed with 4% PFA (10min, RT) followed by treatment with 0.1% Triton X-100 (10min, RT), and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with (1:100) at room temprature for 1h, followed by a further incubation at room temperature for 45min with Goat Anti Rabbit IgG (H+L)-AF488 (shown in green). Nuclear DNA was labeled in blue with DAPI. Control: Secondary antibody only.

Preparation & Storage	
Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

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Rev. V1.3

Background

This gene encodes a member of the insulin-like growth factor (IGF)-binding protein (IGFBP) family. IGFBPs bind IGFs with high affinity, and regulate IGF availability in body fluids and tissues and modulate IGF binding to its receptors. This protein binds IGF-I and IGF-II with relatively low affinity, and belongs to a subfamily of low-affinity IGFBPs. It also stimulates prostacyclin production and cell adhesion. Alternatively spliced transcript variants encoding different isoforms have been described for this gene, and one variant has been associated with retinal arterial macroaneurysm (PMID:21835307). [provided by RefSeq, Dec 2011]