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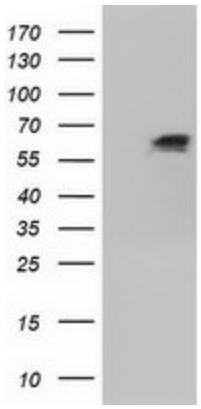
Product datasheet for TA501267

IGF2BP2 Mouse Monoclonal Antibody [Clone ID: OTI4C4]

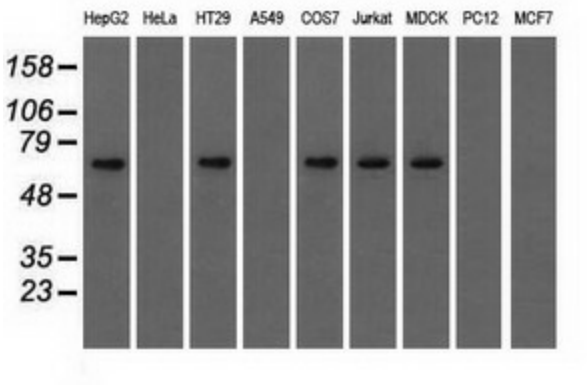
Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI4C4
Applications:	FC, IF, IHC, WB
Recommend Dilution:	WB 1:1000~2000, IHC 1:50, IF 1:100, FLOW 1:100
Reactivity:	Human, Monkey, Dog
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human IGF2BP2 (NP_006333) produced in HEK293T cell.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	0.5 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Predicted Protein Size:	65.9 kDa
Gene Name:	insulin like growth factor 2 mRNA binding protein 2
Database Link:	NP_006539 Entrez Gene 478662 DogEntrez Gene 700598 MonkeyEntrez Gene 10644 Human
Background:	This gene encodes a member of the IGF-II mRNA-binding protein (IMP) family. The protein encoded by this gene contains several four KH domains and two RRM domains. It functions by binding to the 5' UTR of the insulin-like growth factor 2 (IGF2) mRNA and regulating IGF2 translation. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq]
Synonyms:	IMP-2; IMP2; VICKZ2

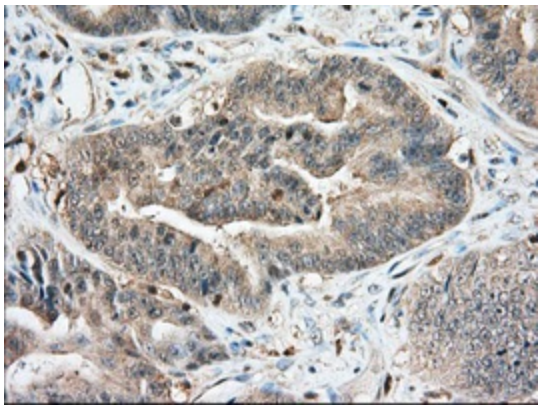
Product images:



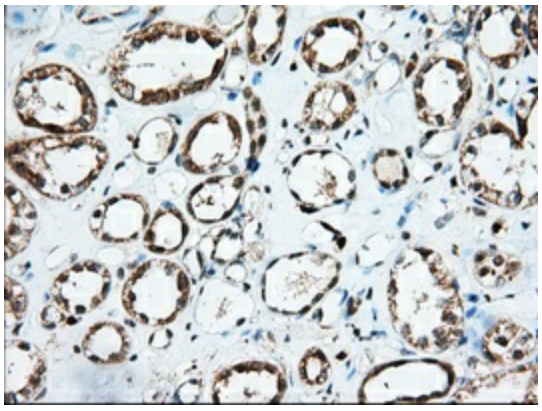
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY IGF2BP2 ([RC205673], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-IGF2BP2. Positive lysates [LY401961] (100ug) and [LC401961] (20ug) can be purchased separately from OriGene.



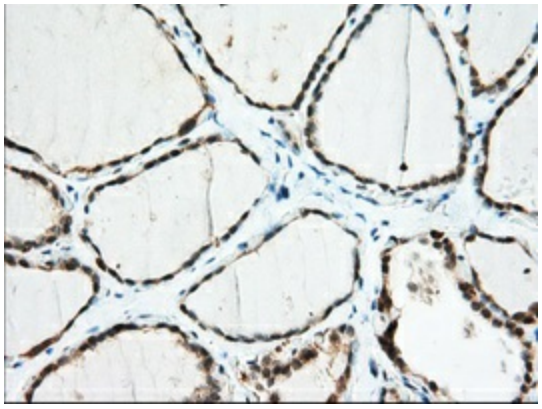
Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-IGF2BP2 monoclonal antibody.



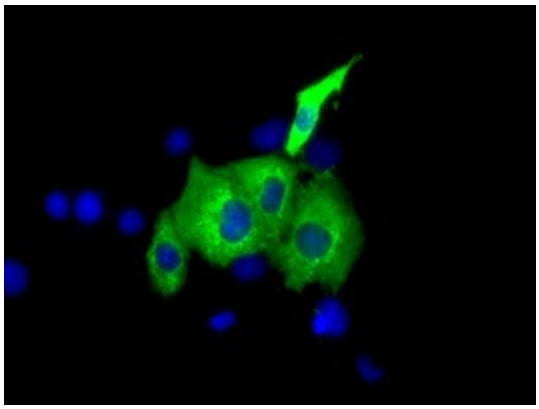
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human colon tissue using anti-IGF2BP2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA501267, Dilution 1:50)



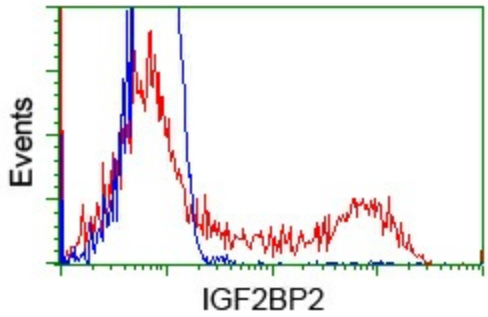
Immunohistochemical staining of paraffin-embedded Human Kidney tissue within the normal limits using anti-IGF2BP2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA501267, Dilution 1:50)



Immunohistochemical staining of paraffin-embedded Human thyroid tissue within the normal limits using anti-IGF2BP2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA501267, Dilution 1:50)



Anti-IGF2BP2 mouse monoclonal antibody (TA501267) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY IGF2BP2 ([RC205673]).



HEK293T cells transfected with either [RC205673] overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-IGF2BP2 antibody (TA501267), and then analyzed by flow cytometry.