

Product datasheet for **TA501274M**

IGF2BP2 Mouse Monoclonal Antibody [Clone ID: OTI3C8]

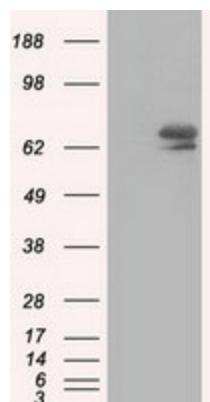
Product data:

| | |
|-------------------------|---|
| Product Type: | Primary Antibodies |
| Clone Name: | OTI3C8 |
| Applications: | FC, IF, IHC, WB |
| Recommended Dilution: | WB 1:1000~2000, IHC 1:50, IF 1:100, FLOW 1:100 |
| Reactivity: | Human, Monkey, Mouse, Rat |
| Host: | Mouse |
| Isotype: | IgG1 |
| Clonality: | Monoclonal |
| Immunogen: | Full length human recombinant protein of human IGF2BP2(NP_006539) produced in HEK293T cell. |
| Formulation: | PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide. |
| Concentration: | 1 mg/ml |
| Purification: | Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G) |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C as received. |
| Stability: | Stable for 12 months from date of receipt. |
| Predicted Protein Size: | 65.9 kDa |
| Gene Name: | insulin like growth factor 2 mRNA binding protein 2 |
| Database Link: | NP_006539 Entrez Gene 303824 Rat Entrez Gene 319765 Mouse Entrez Gene 700598 Monkey Entrez Gene 10644 Human Q9Y6M1 |
| 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] |

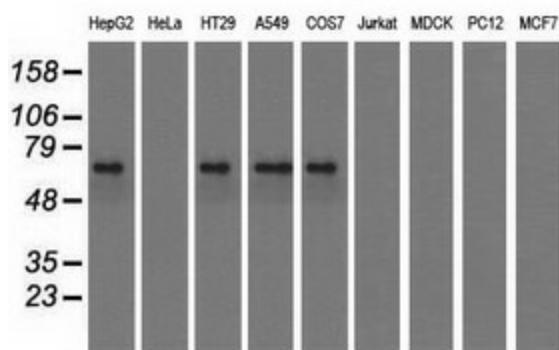

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Synonyms: IMP-2; IMP2; VICKZ2

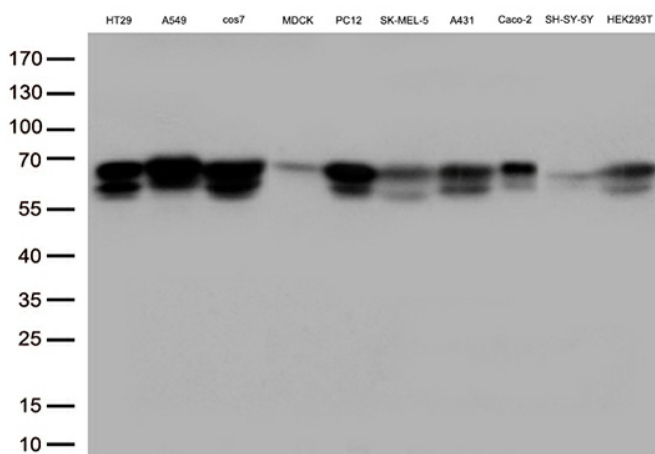
Product images:



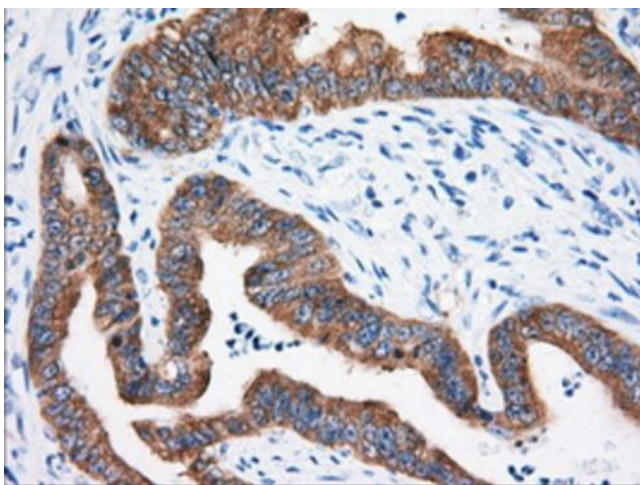
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY IGF2BP2 [RC205673], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-IGF2BP2. Positive lysates [LY401961] (100ug) and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



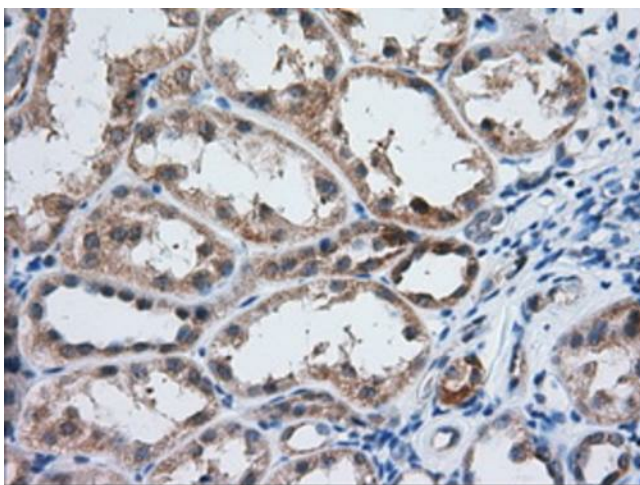
Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-IGF2BP2 monoclonal antibody.



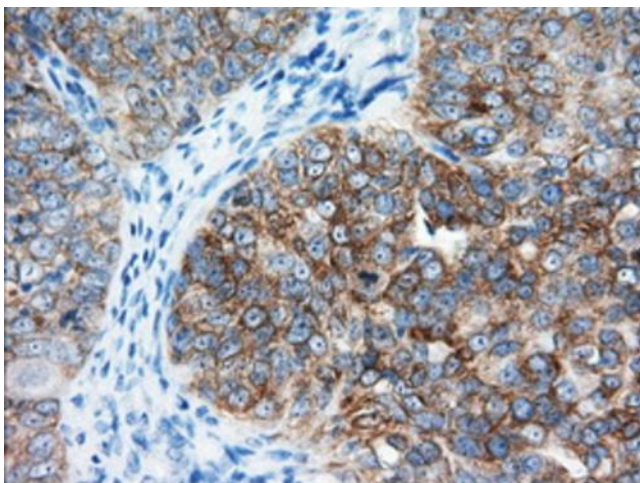
Western blot analysis of extracts (35ug) from 10 cell line lysates by using anti-IGF2BP2 monoclonal antibody (1:500).



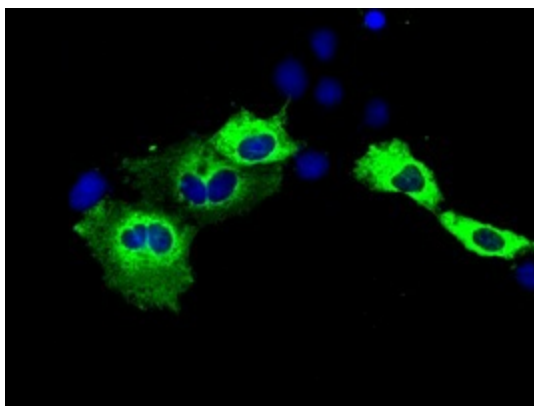
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human colon tissue using anti-IGF2BP2 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



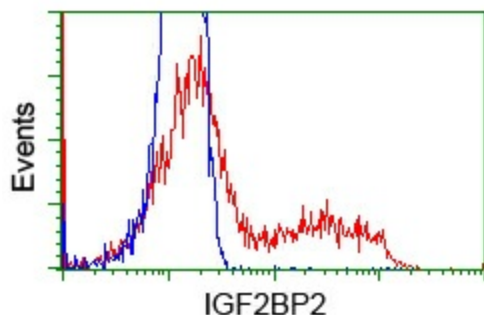
Immunohistochemical staining of paraffin-embedded Human Kidney tissue within the normal limits using anti-IGF2BP2 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



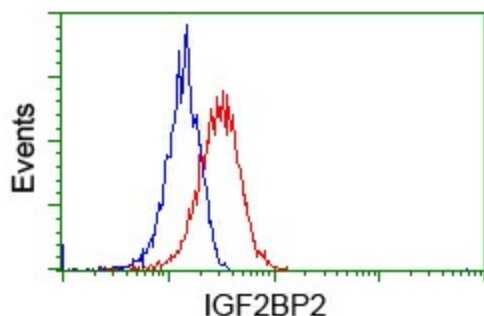
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-IGF2BP2 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



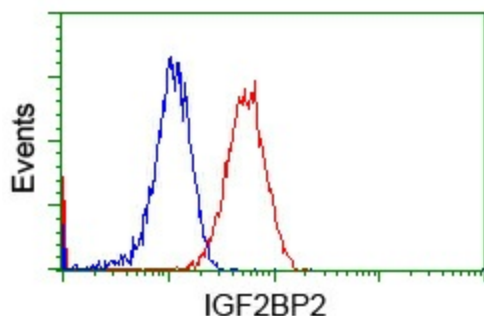
Anti-IGF2BP2 mouse monoclonal antibody ([TA501274]) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY IGF2BP2 ([RC205673]).



HEK293T cells transfected with either [RC205673] overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-IGF2BP2 antibody ([TA501274]), and then analyzed by flow cytometry.



Flow cytometric Analysis of Hela cells, using anti-IGF2BP2 antibody ([TA501274]), (Red), compared to a nonspecific negative control antibody (TA50011), (Blue).



Flow cytometric Analysis of Jurkat cells, using anti-IGF2BP2 antibody ([TA501274]), (Red), compared to a nonspecific negative control antibody (TA50011), (Blue).