

Product datasheet for **CF505575**

CATIP Mouse Monoclonal Antibody [Clone ID: OTI4B4]

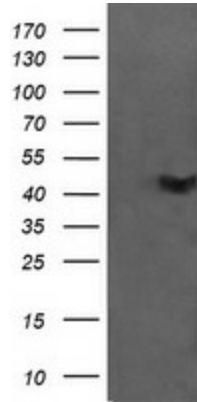
Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI4B4
Applications:	IF, IHC, WB
Recommended Dilution:	WB 1:2000, IHC 1:150, IF 1:100
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human C2orf62(NP_940961) produced in HEK293T cell.
Formulation:	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
Reconstitution Method:	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
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:	43.7 kDa
Gene Name:	ciliogenesis associated TTC17 interacting protein
Database Link:	NP_940961 Entrez Gene 375307 Human Q7Z7H3
Synonyms:	C2orf62

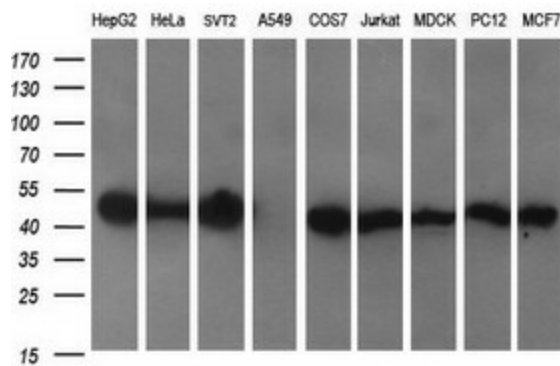


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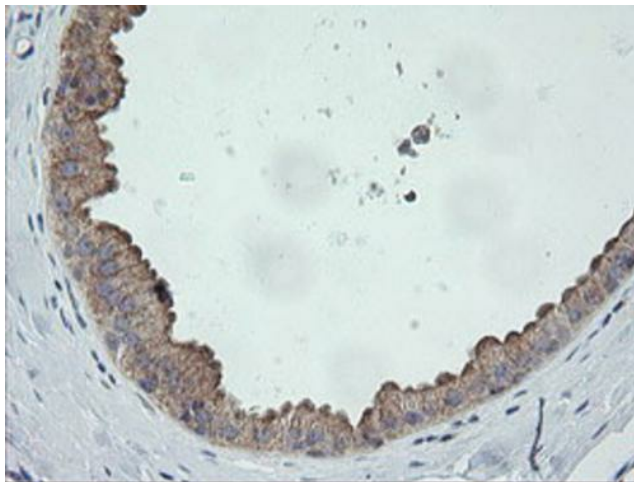
Product images:



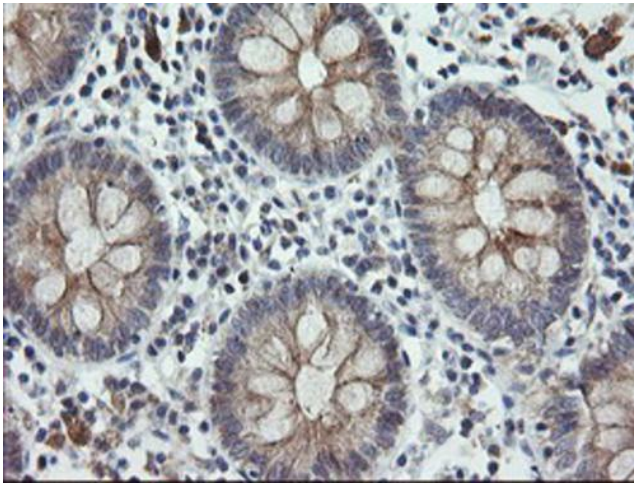
HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY C2orf62 (Cat# [RC208172], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-C2orf62(Cat# [TA505575]). Positive lysates [LY404854] (100ug) and [LC404854] (20ug) can be purchased separately from OriGene.



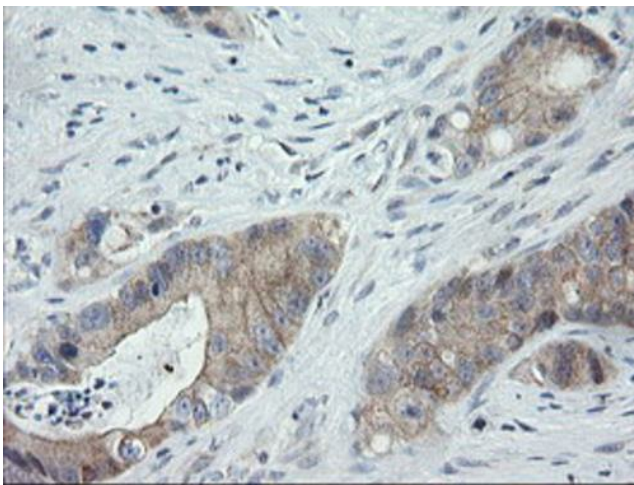
Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-C2orf62 monoclonal antibody (HepG2: human; HeLa: human; SVT2: mouse; A549: human; COS7: monkey; Jurkat: human; MDCK: canine; PC12: rat; MCF7: human) (1:200).



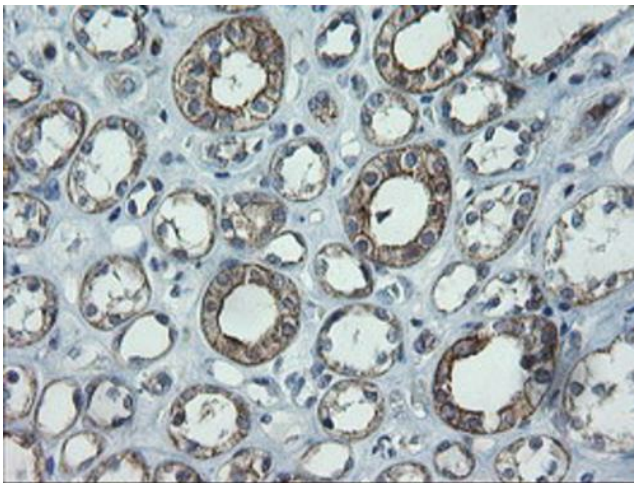
Immunohistochemical staining of paraffin-embedded Human breast tissue within the normal limits using anti-C2orf62 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA505575])



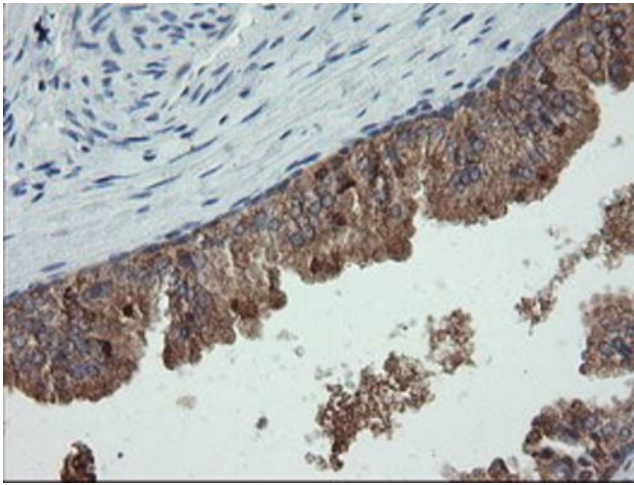
Immunohistochemical staining of paraffin-embedded Human colon tissue within the normal limits using anti-C2orf62 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA505575])



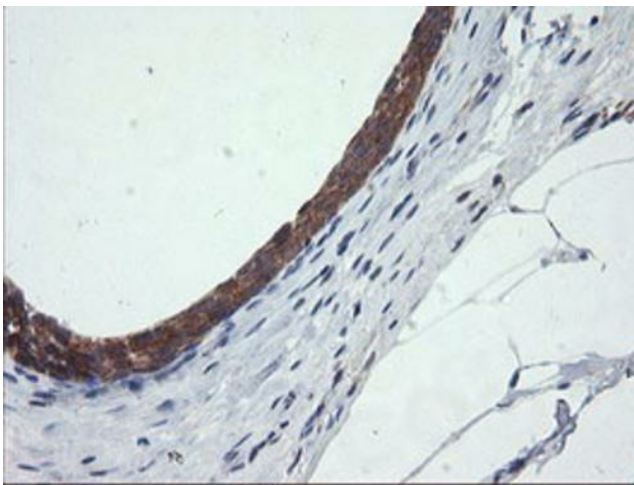
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human colon tissue using anti-C2orf62 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA505575])



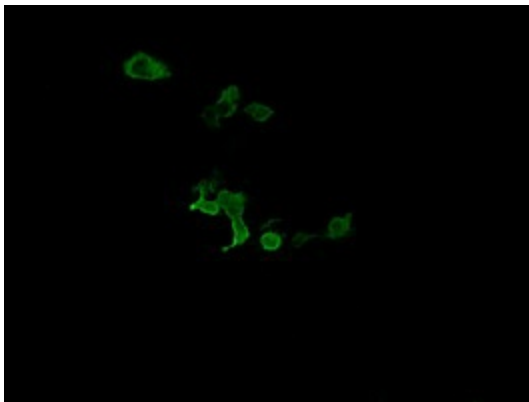
Immunohistochemical staining of paraffin-embedded Human Kidney tissue within the normal limits using anti-C2orf62 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA505575])



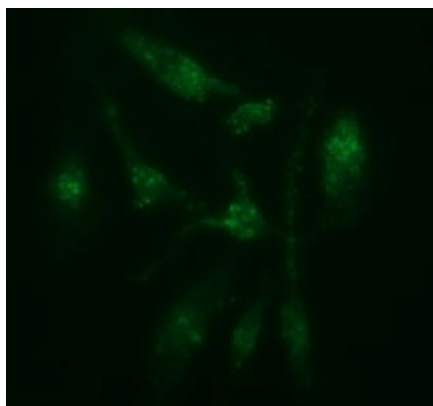
Immunohistochemical staining of paraffin-embedded Human prostate tissue within the normal limits using anti-C2orf62 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA505575])



Immunohistochemical staining of paraffin-embedded Human bladder tissue within the normal limits using anti-C2orf62 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA505575])



Anti-C2orf62 mouse monoclonal antibody ([TA505575]) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY C2orf62 ([RC208172]).



Immunofluorescent staining of HeLa cells using anti-C2orf62 mouse monoclonal antibody ([TA505575]).