

Product datasheet for **CF800467**

WDR74 Mouse Monoclonal Antibody [Clone ID: OTI4B2]

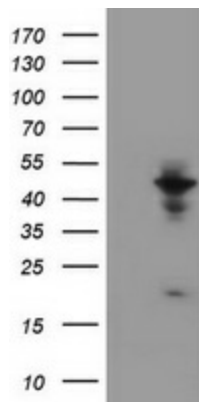
Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI4B2
Applications:	IHC, WB
Recommended Dilution:	WB 1:2000, IHC 1:150
Reactivity:	Human, Dog, Rat, Monkey, Mouse
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 114-385 of human WDR74 (NP_060563) produced in E.coli.
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:	42.3 kDa
Gene Name:	Homo sapiens WD repeat domain 74 (WDR74), transcript variant 1, mRNA.
Database Link:	NP_060563 Entrez Gene 107071 MouseEntrez Gene 690229 RatEntrez Gene 483778 DogEntrez Gene 718460 MonkeyEntrez Gene 54663 Human Q6RFH5
Synonyms:	FLJ10439; FLJ21730

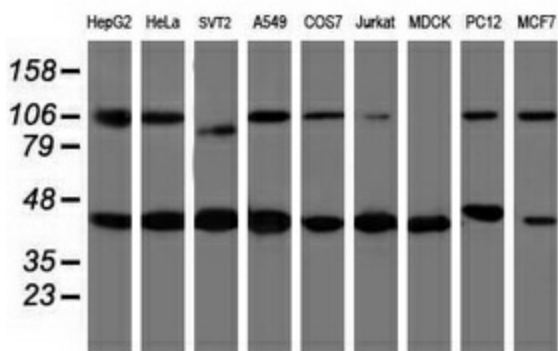


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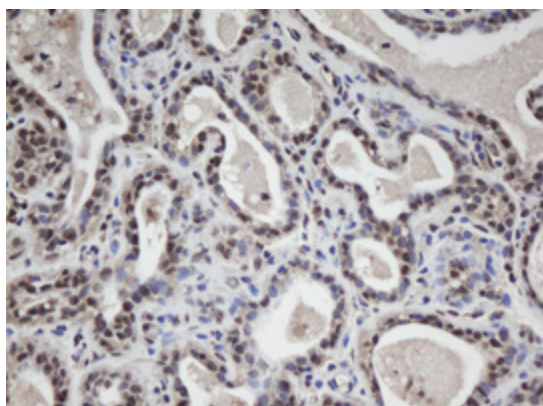
Product images:



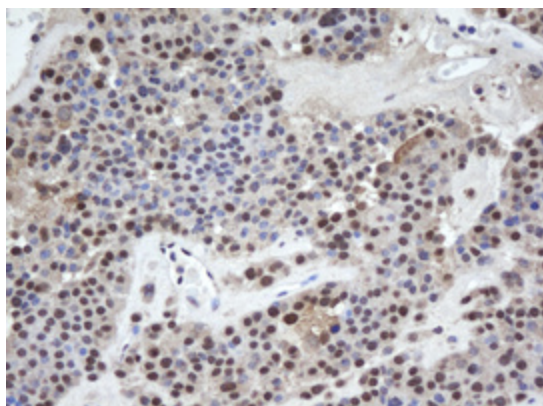
HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY WDR74 (Cat# [RC221134], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-WDR74 (Cat# [TA800467]). Positive lysates [LY413318] (100ug) and [LC413318] (20ug) can be purchased separately from OriGene.



Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-WDR74 monoclonal antibody (HepG2: human; HeLa: human; SVT2: mouse; A549: human; COS7: monkey; Jurkat: human; MDCK: canine; PC12: rat; MCF7: human).



Immunohistochemical staining of paraffin-embedded Human breast tissue within the normal limits using anti-WDR74 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA800467])



Immunohistochemical staining of paraffin-embedded Carcinoma of Human pancreas tissue using anti-WDR74 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA800467])