

Product datasheet for **CF506118**

ZFP38 (ZSCAN21) Mouse Monoclonal Antibody [Clone ID: OTI2E5]

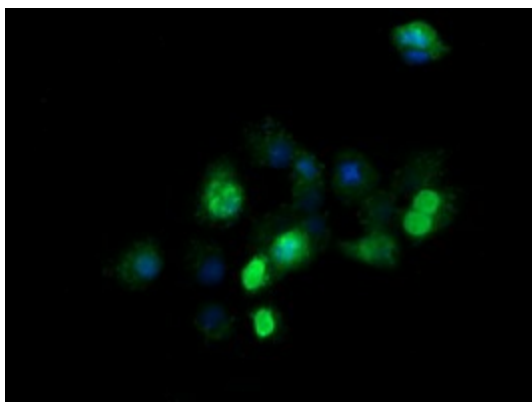
Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI2E5
Applications:	IF, IHC, WB
Recommended Dilution:	WB 1:200~4000, IHC 1:150, IF 1:100
Reactivity:	Human, Dog, Monkey, Mouse
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human ZSCAN21(NP_666019) 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:	53.5 kDa
Gene Name:	zinc finger and SCAN domain containing 21
Database Link:	NP_666019 Entrez Gene 22697 Mouse Entrez Gene 710501 Monkey Entrez Gene 7589 Human Q9Y5A6
Synonyms:	NY-REN-21; Zipro1; ZNF38
Protein Families:	Transcription Factors

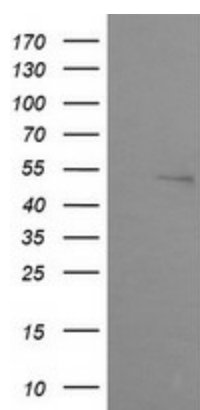


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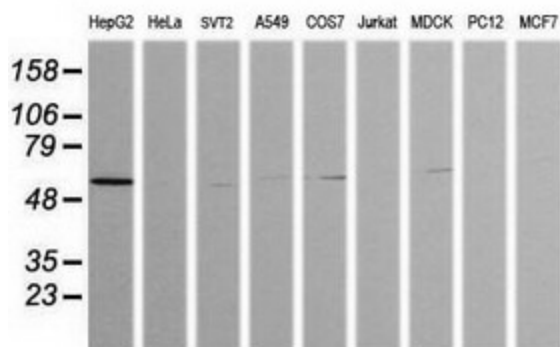
Product images:



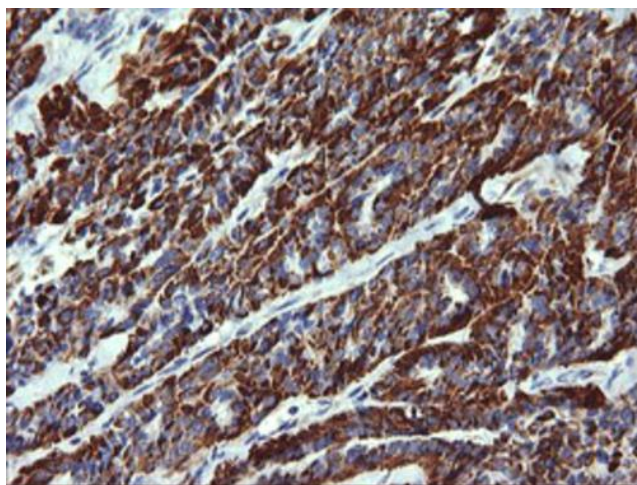
Anti-ZSCAN21 mouse monoclonal antibody ([TA506118]) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY ZSCAN21 ([RC208411]).



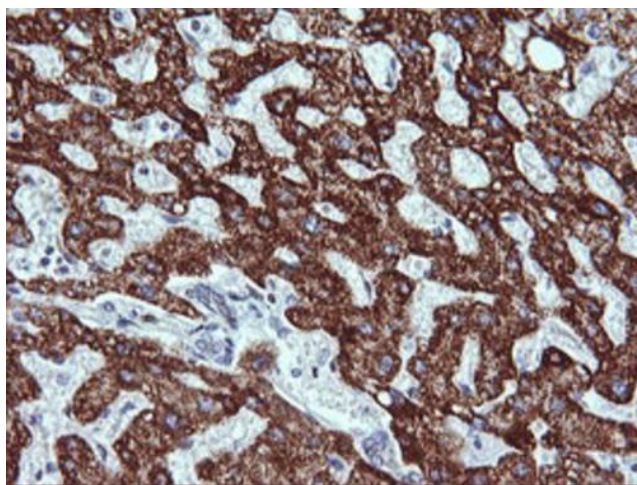
HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY ZSCAN21 (Cat# [RC208411], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-ZSCAN21(Cat# [TA506118]). Positive lysates [LY407804] (100ug) and [LC407804] (20ug) can be purchased separately from OriGene.



Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-ZSCAN21 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 Carcinoma of Human thyroid tissue using anti-ZSCAN21 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 liver tissue within the normal limits using anti-ZSCAN21 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.