OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for UM870073

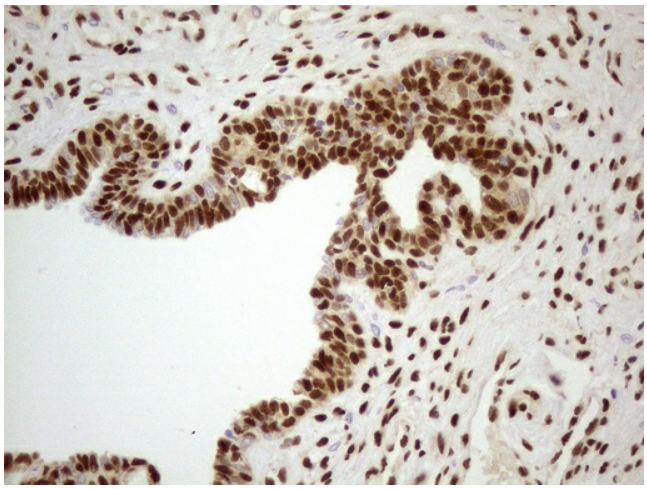
C14orf166 (RTRAF) Mouse Monoclonal Antibody [Clone ID: UMAB181]

Product data:

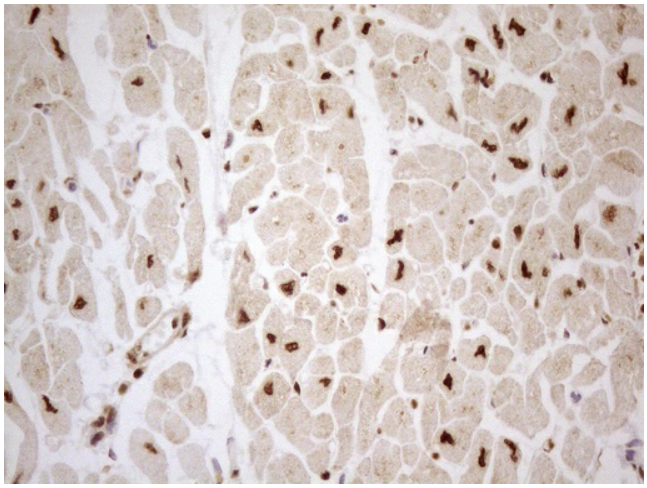
Product Type:	Primary Antibodies
Clone Name:	UMAB181
Applications:	10k-ChIP, IF, IHC, WB
Recommended Dilution:	IHC 1:100~200
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human C14orf166 (NP_057123) produced in E.coli.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	0.5~1.0 mg/ml (Lot Dependent)
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:	27.9 kDa
Gene Name:	RNA transcription, translation and transport factor
Database Link:	NP_057123 Entrez Gene 51637 Human Q9Y224
Synonyms:	CGI-99; CGI99; CLE; CLE7; hCLE1; LCRP369; RLLM1

View online »

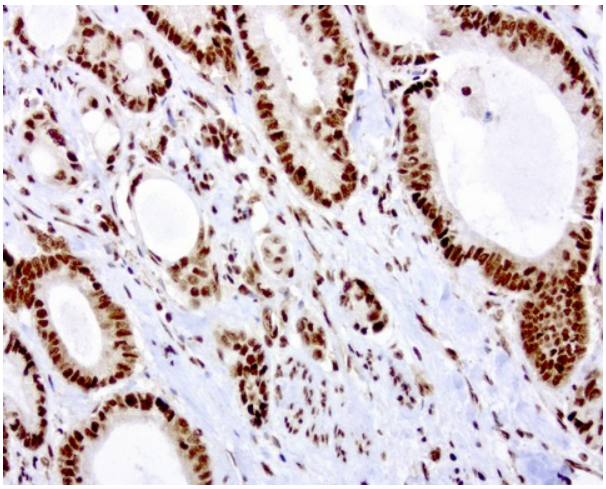
Product images:



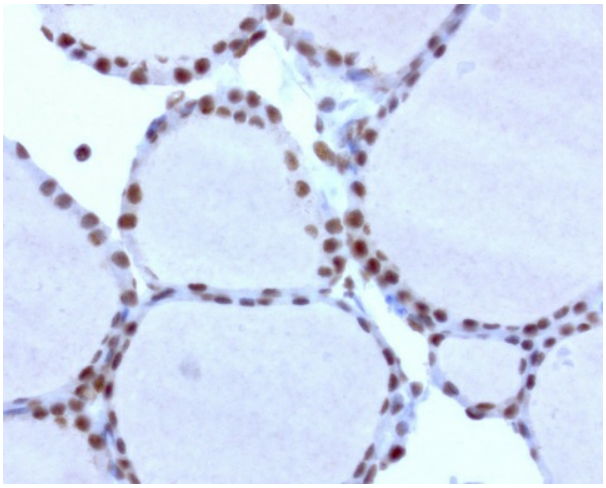
Immunohistochemical staining of paraffin-embedded Carcinoma of Human prostate tissue using anti-C14orf166 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.0) at 110°C for 10min, [UM800073]) (1:200)



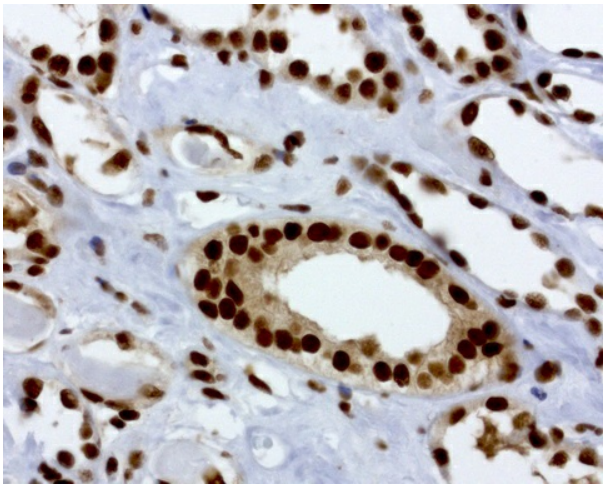
Immunohistochemical staining of paraffin-embedded Human adult heart tissue using anti-C14orf166 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.0) at 110°C for 10min, [UM800073]) (1:200)



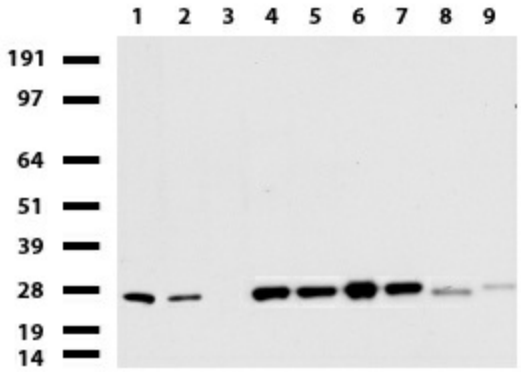
Immunohistochemical staining of paraffin-embedded human colon cancer using anti-C14ORF166 clone UMAB181 mouse monoclonal antibody at 1:600 dilution of 1mg/mL and detection with Polink2 Broad HRP DAB. [UM800073] requires heat-induced epitope retrieval with Accel for 3minutes at110C in pressure chamber. The image shows the tumor cells have strong nuclear and weak cytoplasmic staining.



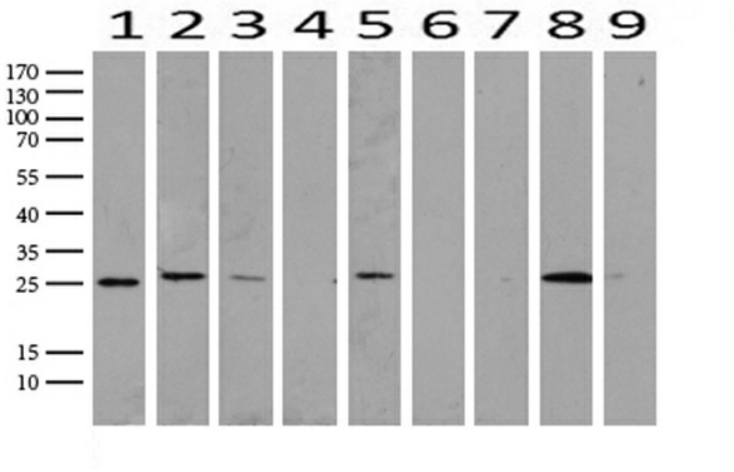
Immunohistochemical staining of paraffin-embedded human thyroid using anti-C14ORF166 clone UMAB181 mouse monoclonal antibody at 1:600 dilution of 1mg/mL and detection with Polink2 Broad HRP DAB. [UM800073] requires heat-induced epitope retrieval with Accel for 3minutes at110C in pressure chamber. The image shows strong nuclear and intermediate levels of cytoplasmic staining on the thyroid.



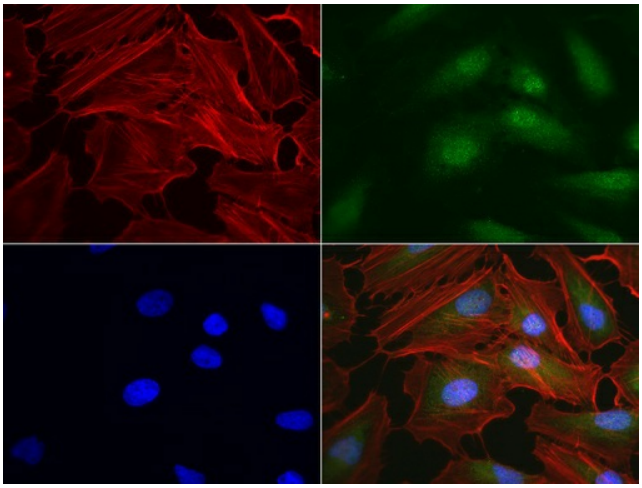
Immunohistochemical staining of paraffin-embedded human kidney using anti-C14ORF166 clone UMAB181 mouse monoclonal antibody at 1:600 dilution of 1mg/mL and detection with Polink2 Broad HRP DAB. [UM800073] requires heat-induced epitope retrieval with Accel for 3minutes at110C in pressure chamber. The image shows the tumor cells have strong nuclear and intermediate levels of cytoplasmic staining.



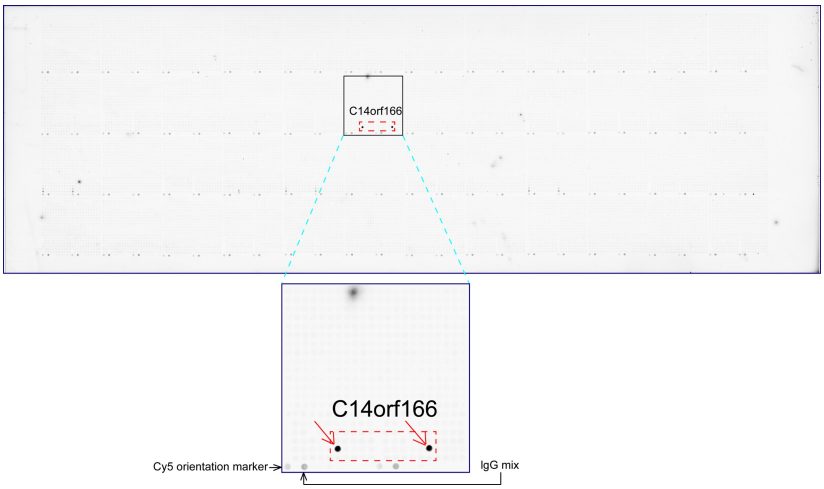
Western blot of cell lysates (35ug) from 9 different cell lines (1: HepG2, 2: HeLa, 3: SV-T2, 4: A549. 5: Jurkat, 6: MDCK, 7: COS7, 8: PC-12, 9: MCF7).



Western blot analysis of extracts (15ug) from 9 Human tissue by using anti-C14orf166 monoclonal antibody (1: Testis; 2: Uterus; 3: Breast; 4: Brain; 5: Liver; 6: Ovary; 7: Thyroid gland; 8: colon:;9:Spleen). (1:500) Dilution: 1:500



Immunofluorescent staining of HeLa cells using anti-C14orf166 mouse monoclonal antibody ([UM800073], green, 1:100). Actin filaments were labeled with Alexa Fluor® 594 Phalloidin (red), and nuclear with DAPI (blue).



OriGene overexpression protein microarray chip was immunostained with UltraMAB anti-C14orf166 mouse monoclonal antibody ([UM800073]). The positive reactive proteins are highlighted with two red arrows in the enlarged subarray. All the positive controls spotted in this subarray are also labeled for clarification (1:100).