

Product datasheet for **CF502638**

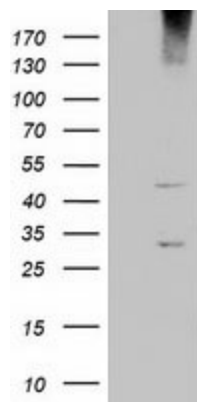
KCTD14 Mouse Monoclonal Antibody [Clone ID: OTI1D1]

Product data:

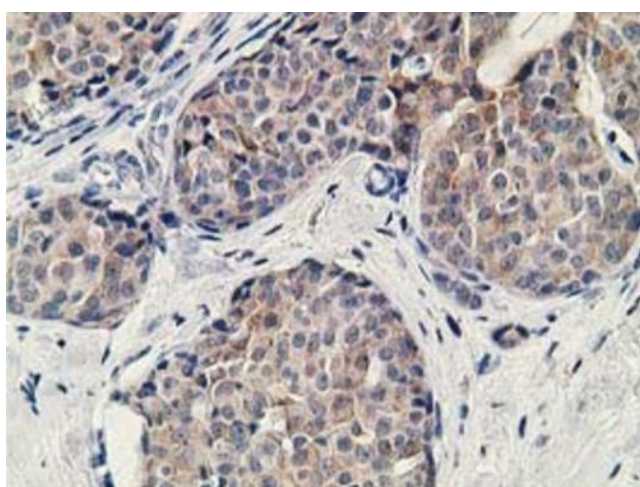
Product Type:	Primary Antibodies
Clone Name:	OTI1D1
Applications:	FC, IF, IHC, WB
Recommended Dilution:	WB 1:2000, IHC 1:100, IF 1:100, FLOW 1:100
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human KCTD14 (NP_076419) produced in 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:	29.4 kDa
Gene Name:	potassium channel tetramerization domain containing 14
Database Link:	NP_076419 Entrez Gene 65987 Human Q9BQ13
Synonyms:	MGC2376
Protein Families:	Ion Channels: Other



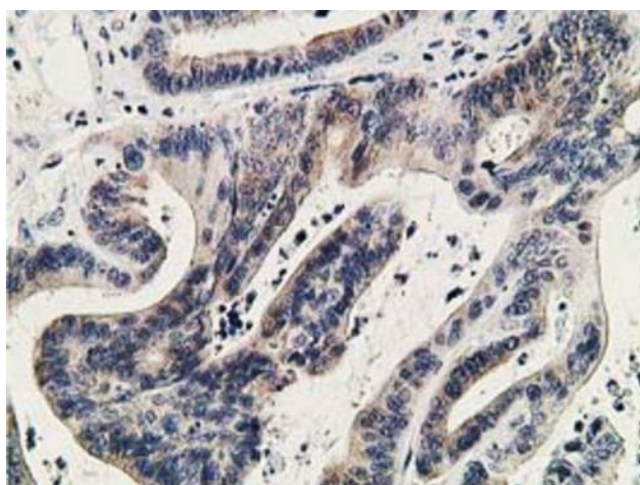
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Product images:

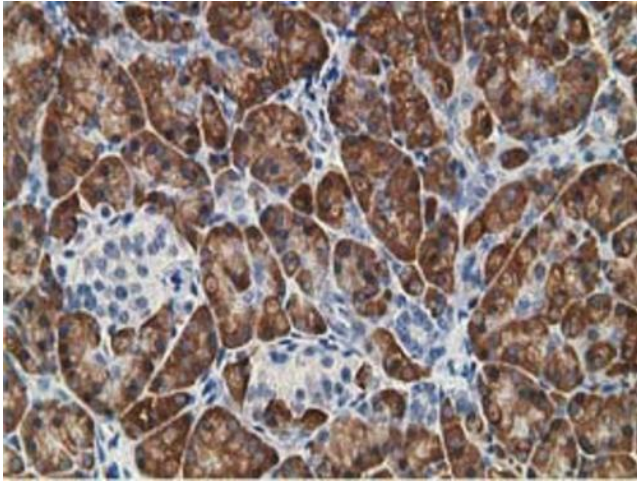
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY KCTD14 ([RC200745], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-KCTD14. Positive lysates [LY411435] (100ug) and [LC411435] (20ug) can be purchased separately from OriGene.



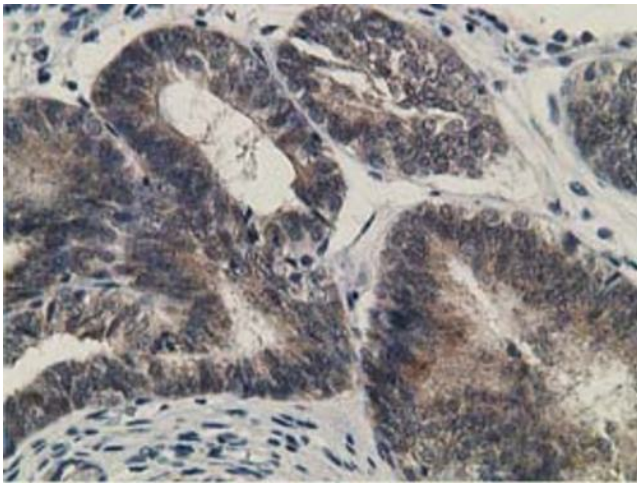
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human breast tissue using anti-KCTD14 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA502638])



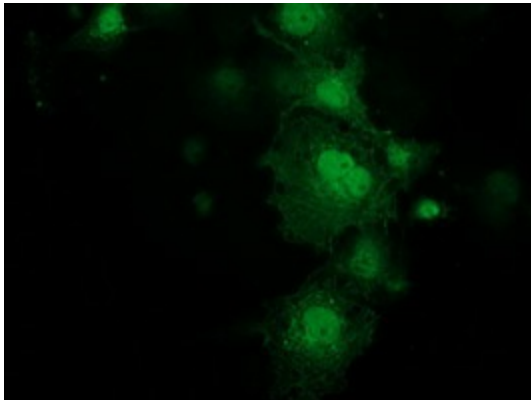
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human colon tissue using anti-KCTD14 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA502638])



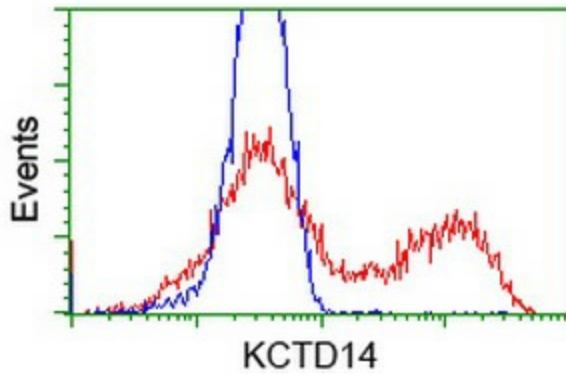
Immunohistochemical staining of paraffin-embedded Human pancreas tissue within the normal limits using anti-KCTD14 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA502638])



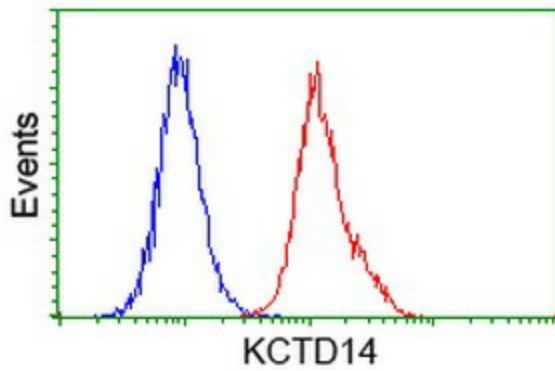
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-KCTD14 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA502638])



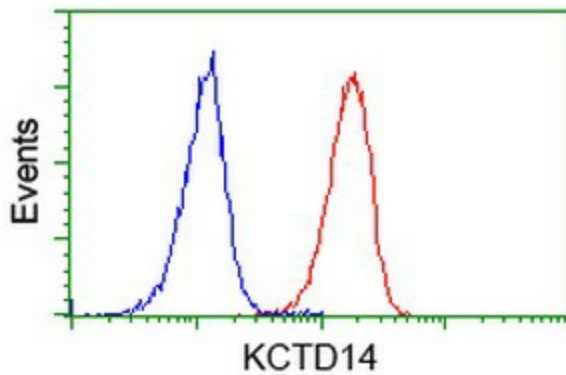
Anti-KCTD14 mouse monoclonal antibody ([TA502638]) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY KCTD14 ([RC200745]).



HEK293T cells transfected with either [RC200745] overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-KCTD14 antibody ([TA502638]), and then analyzed by flow cytometry.



Flow cytometric Analysis of HeLa cells, using anti-KCTD14 antibody ([TA502638]), (Red), compared to a nonspecific negative control antibody, (Blue).



Flow cytometric Analysis of Jurkat cells, using anti-KCTD14 antibody ([TA502638]), (Red), compared to a nonspecific negative control antibody, (Blue).