

Product datasheet for **UM500061**

NY-ESO-1 (CTAG1B) Mouse Monoclonal Antibody [Clone ID: UMAB73]

Product data:

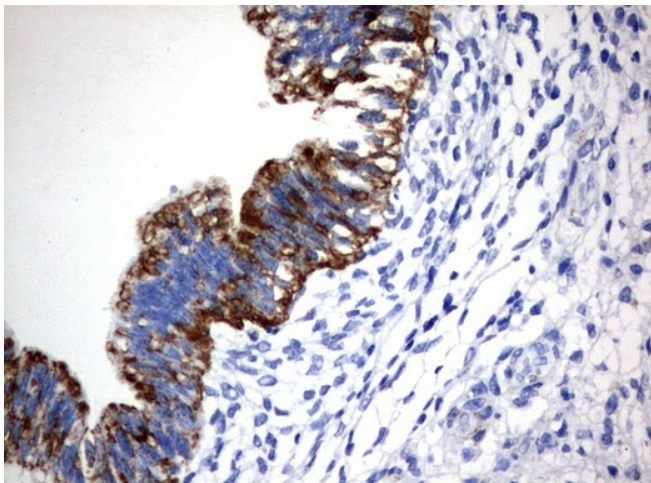
Product Type:	Primary Antibodies
Clone Name:	UMAB73
Applications:	10k-ChIP, FC, IF, IHC, WB
Recommended Dilution:	IHC 1:100
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human CTAG1B(NP_001318) produced in HEK293T cell
Formulation:	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:	17.8 kDa
Gene Name:	cancer/testis antigen 1B
Database Link:	NP_001318 Entrez Gene 1485 Human P78358
Background:	The protein encoded by this gene is an antigen that is overexpressed in many cancers but that is also expressed in normal testis. This gene is found in a duplicated region of the X-chromosome and therefore has a neighboring gene of identical sequence. [provided by RefSeq, Jan 2012]
Synonyms:	CT6.1; CTAG; CTAG1; ESO1; LAGE-2; LAGE2B; NY-ESO-1



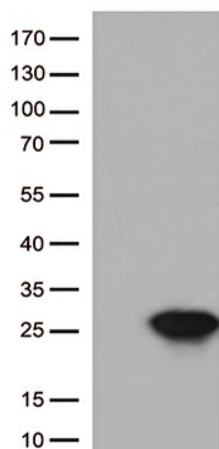
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Protein Families: Druggable Genome

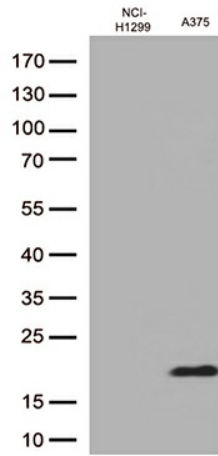
Product images:



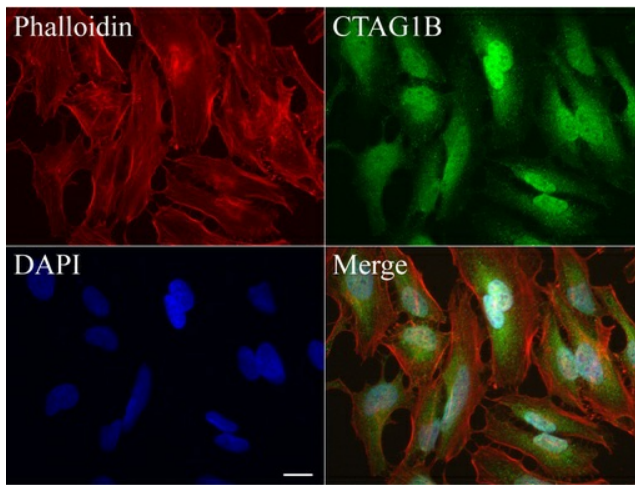
Immunohistochemical staining of paraffin-embedded Human testicular cancer tissue using anti-CTAG1B mouse monoclonal antibody. (UM500061; heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min)



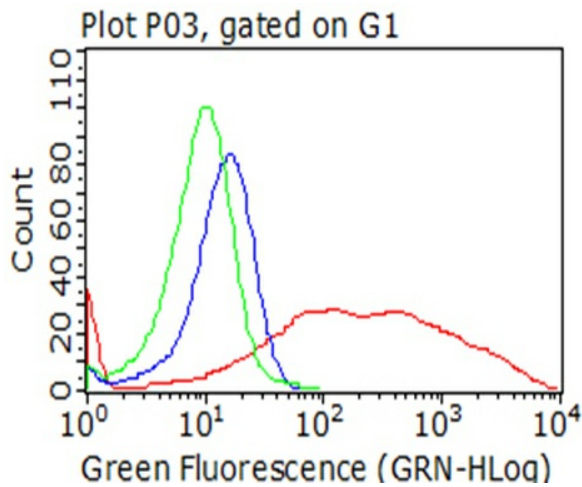
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY CTAG1B ([RC213318], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-CTAG1B (1:500).



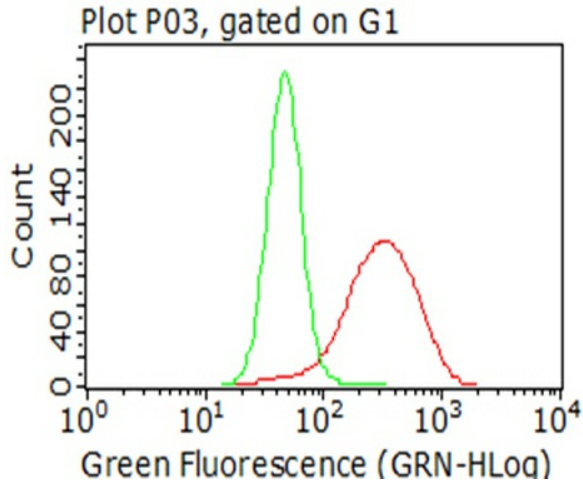
Western blot analysis of extracts (35ug) from 2 cell lines lysates by using anti-CTAG1B monoclonal antibody (1:500).



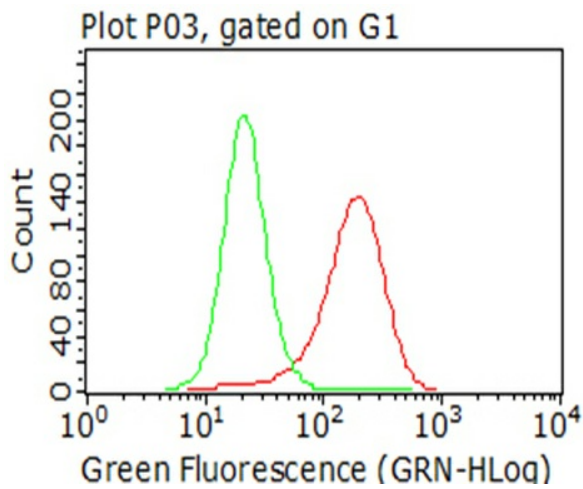
Immunofluorescent staining of HeLa cells using anti-CTAG1B mouse monoclonal antibody (UM500061, green, 1:50). Actin filaments were labeled with Alexa Fluor® 594 Phalloidin (red), and nuclear with DAPI (blue). Scale bar, 20µm.



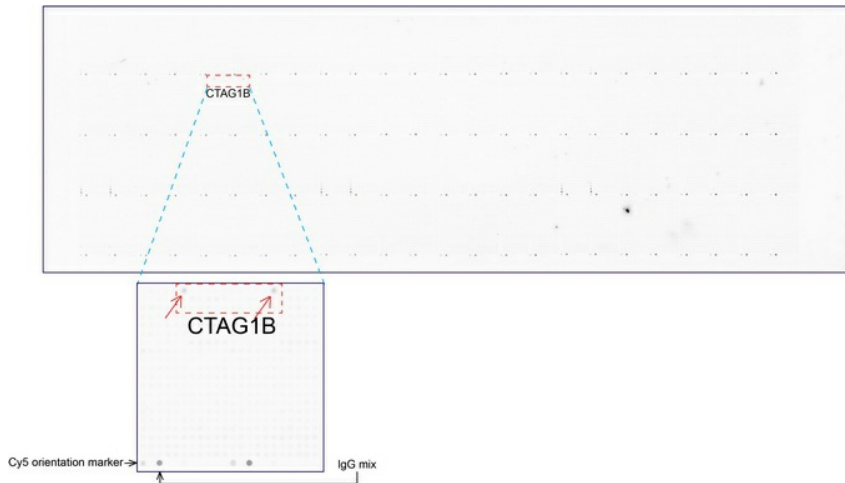
Flow cytometric analysis of living 293T cells transfected with CTAG1B overexpression plasmid ([RC213318], Red)/empty vector ([PS100001], Blue) using anti-CTAG1B antibody (UM500061). Cells incubated with a non-specific antibody (Green) were used as isotype control (1:100).



Flow cytometric analysis of living NCI-H1299 cells, using anti-CTAG1B antibody (UM500061, Red), compared to an isotype control (green) (1:100).



Flow cytometric analysis of living A375 cells, using anti-CTAG1B antibody (UM500061, Red), compared to an isotype control (green) (1:100).



OriGene overexpression protein microarray chip was immunostained with UltraMAB anti-CTAG1B mouse monoclonal antibody (UM500061). 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.