

## Product datasheet for **TA505968S**

### NY-ESO-1 (CTAG1B) Mouse Monoclonal Antibody [Clone ID: OTI4B11]

#### Product data:

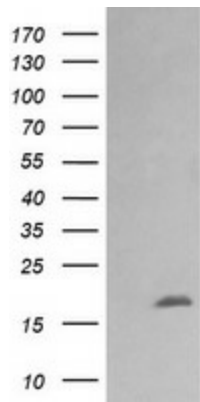
Product Type:	Primary Antibodies
Clone Name:	OTI4B11
Applications:	IF, IHC, WB
Recommended Dilution:	WB 1:200 - 1:2000, IHC 1:150, IF 1:100
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human CTAG1B(NP_001318) produced in HEK293T cell.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	1 mg/ml
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:	<a href="#">NP_001318</a> <a href="#">Entrez Gene 1485 Human</a> <a href="#">P78358</a>
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



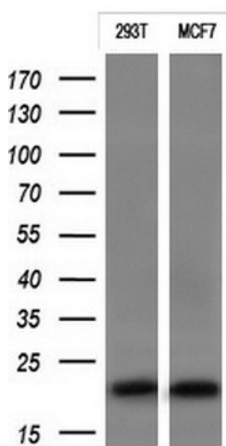
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Protein Families: Druggable Genome

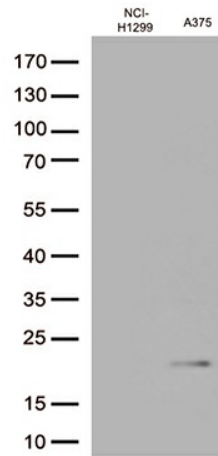
**Product images:**



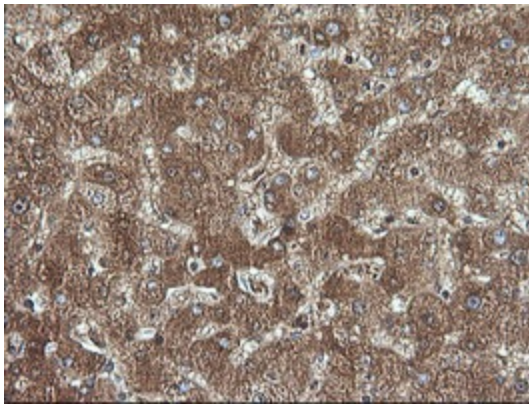
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY CTAG1B ([RC213318], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-CTAG1B. Positive lysates [LY400527] (100ug) and [LC400527] (20ug) can be purchased separately from OriGene.



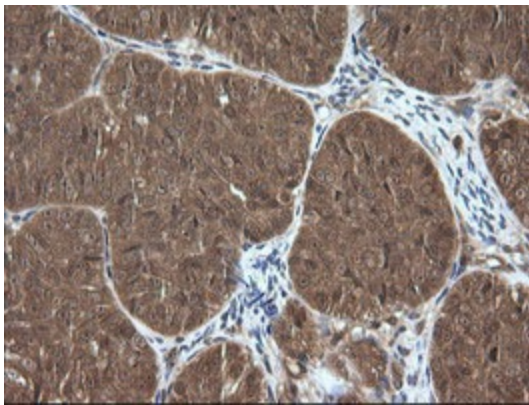
Western blot analysis of extracts (10ug) from 2 different cell lines by using anti-CTAG1B monoclonal antibody at 1:200.



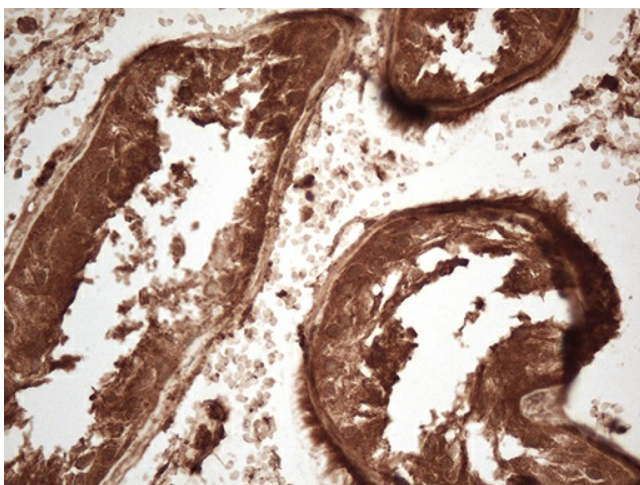
Western blot analysis of extracts (35ug) from 2 cell lines lysates by using anti-CTAG1B monoclonal antibody (1:500).



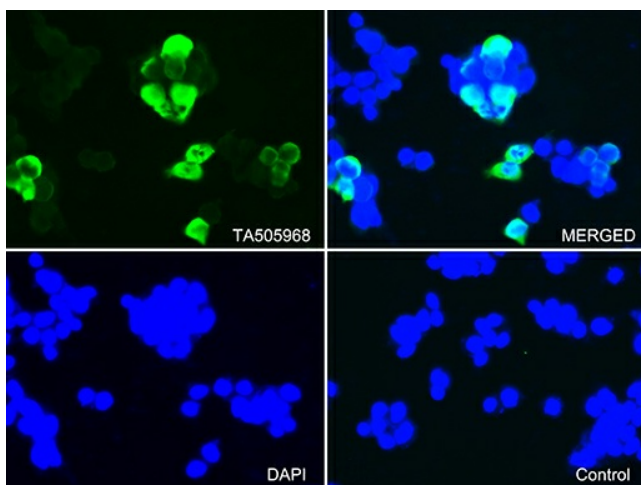
Immunohistochemical staining of paraffin-embedded Human liver tissue within the normal limits using anti-CTAG1B mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min, [TA505968])



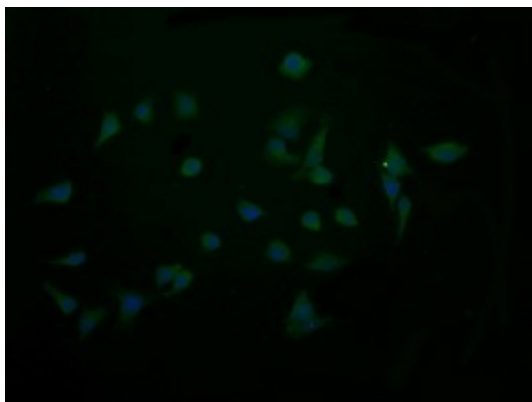
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-CTAG1B mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min, [TA505968])



Immunohistochemical staining of paraffin-embedded Human testicle tissue within the normal limits using anti-CTAG1B mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH9.0) at 120°C for 3min, [TA505968]) (1:150)



Immunofluorescent staining of 293T cells transfected by pCMV6-ENTRY CTAG1B ([RC213318]) using anti-CTAG1B antibody ([TA505968]/green, upper left; DAPI/blue, lower left; MERGED, upper right). 293T cells transfected with empty vector served as a negative control (MERGED, lower right) (1:100).



Immunofluorescent staining of HeLa cells using anti-CTAG1B mouse monoclonal antibody ([TA505968]).