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Product datasheet for TA505547

CD272 (BTLA) Mouse Monoclonal Antibody [Clone ID: OTI4C2]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI4C2
Applications:	IHC, WB
Recommend Dilution:	WB 1:2000, IHC 1:100
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human BTLA(NP_861445) 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)
Predicted Protein Size:	32.6 kDa
Gene Name:	B and T lymphocyte associated
Database Link:	NP_861445 Entrez Gene 151888 Human
Background:	This gene encodes a member of the immunoglobulin superfamily. The encoded protein contains a single immunoglobulin (Ig) domain and is a receptor that relays inhibitory signals to suppress the immune response. Alternative splicing results in multiple transcript variants. Polymorphisms in this gene have been associated with an increased risk of rheumatoid arthritis. [provided by RefSeq, Aug 2011]
Synonyms:	BTLA1; CD272
Protein Families:	Transmembrane

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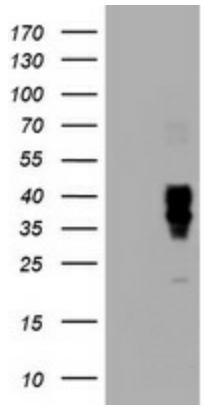
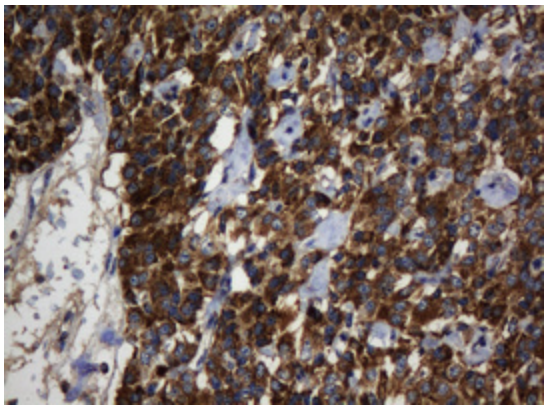
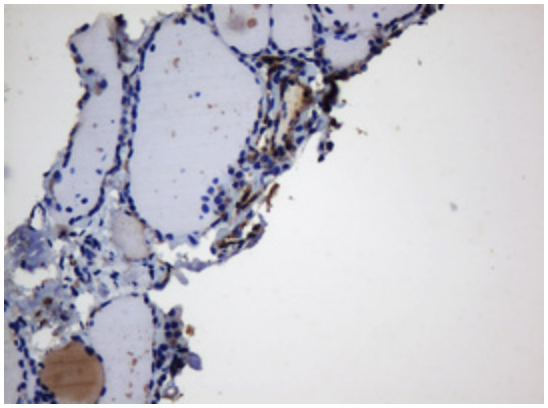
Product images:



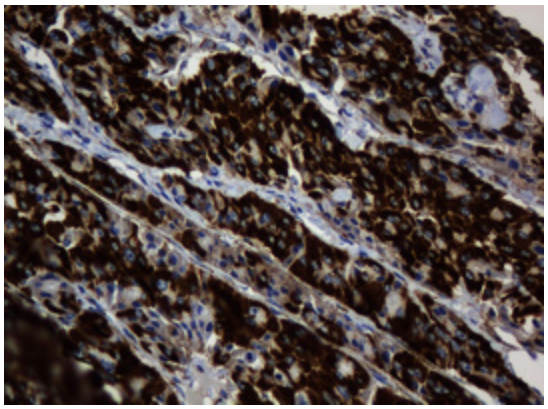
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY BTLA ([RC219458], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-BTLA. Positive lysates [LY403628] (100ug) and [LC403628] (20ug) can be purchased separately from OriGene.



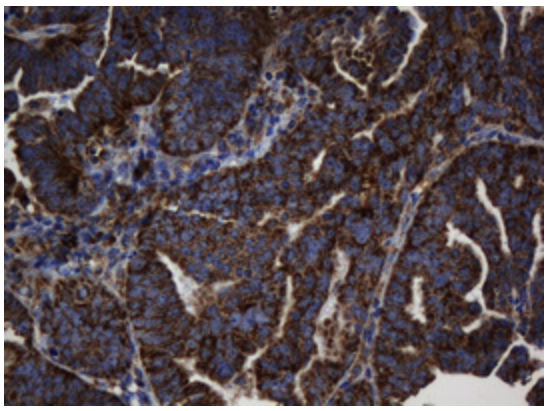
Immunohistochemical staining of paraffin-embedded Carcinoma of Human pancreas tissue using anti-BTLA mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min, TA505547)



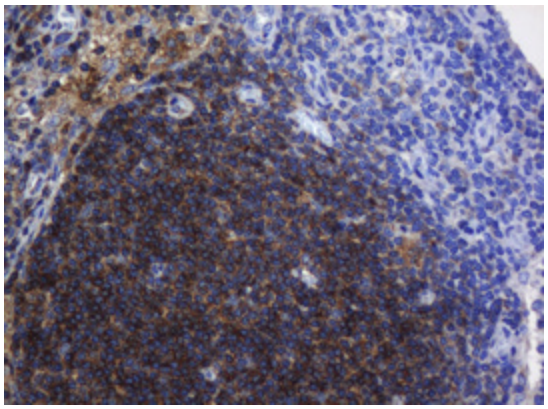
Immunohistochemical staining of paraffin-embedded Human thyroid tissue within the normal limits using anti-BTLA mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min, TA505547)



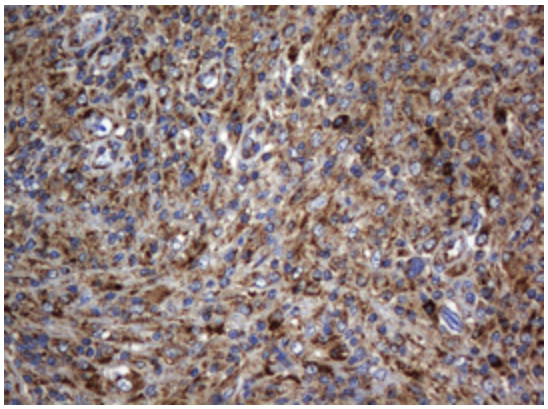
Immunohistochemical staining of paraffin-embedded Carcinoma of Human thyroid tissue using anti-BTLA mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min, TA505547)



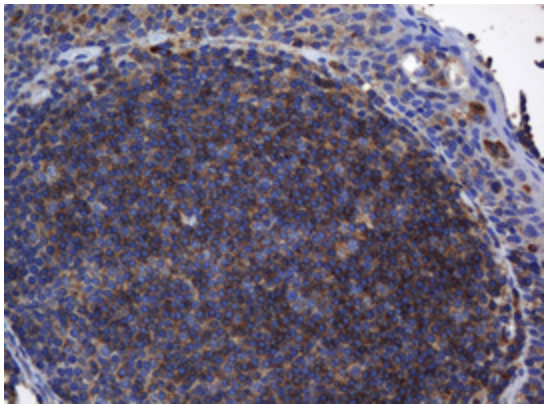
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-BTLA mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min, TA505547)



Immunohistochemical staining of paraffin-embedded Human lymph node tissue within the normal limits using anti-BTLA mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min, TA505547)



Immunohistochemical staining of paraffin-embedded Human lymphoma tissue using anti-BTLA mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min, TA505547)



Immunohistochemical staining of paraffin-embedded Human tonsil within the normal limits using anti-BTLA mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min, TA505547)