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Product datasheet for TA505688

CD272 (BTLA) Mouse Monoclonal Antibody [Clone ID: OTI2E4]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI2E4
Applications:	FC, IHC, WB
Recommended Dilution:	WB 1:4000, IHC 1:150, FC 1:100
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2a
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)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	32.6 kDa
Gene Name:	B and T lymphocyte associated
Database Link:	NP_861445 Entrez Gene 151888 Human Q7Z6A9
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]

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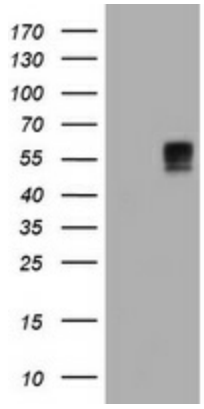
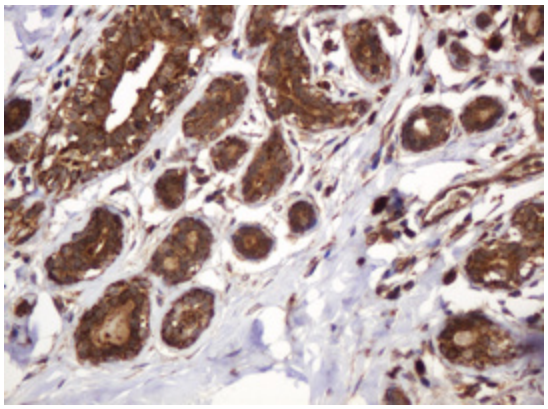
Synonyms: BTLA1; CD272

Protein Families: Transmembrane

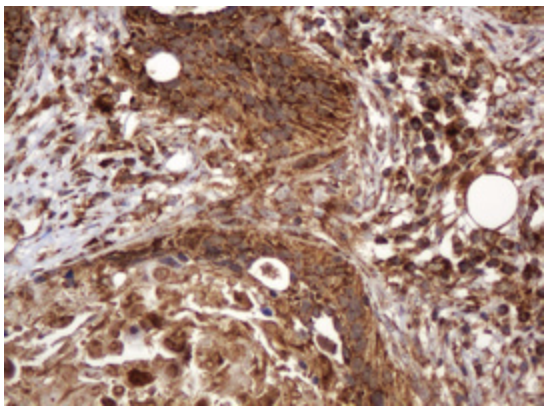
Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY BTLA (Cat# [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(Cat# TA505688). Positive lysates [LY403628] (100ug) and [LC403628] (20ug) can be purchased separately from OriGene.



Immunohistochemical staining of paraffin-embedded Human breast 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, TA505688)



Immunohistochemical staining of paraffin-embedded Carcinoma of Human lung tissue using anti-BTLA mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min, TA505688)

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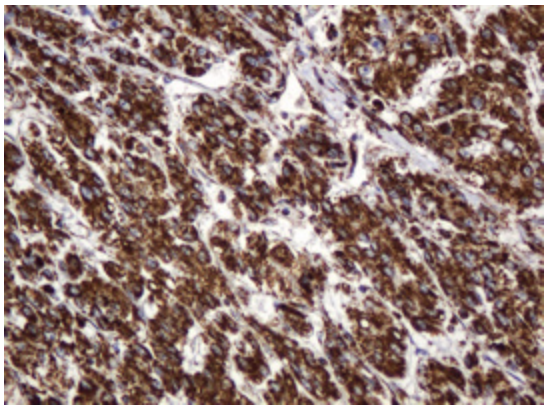
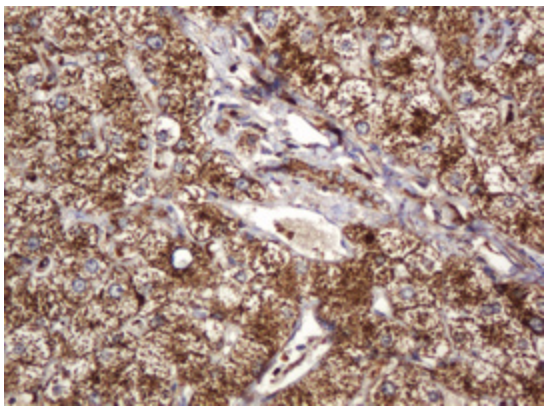
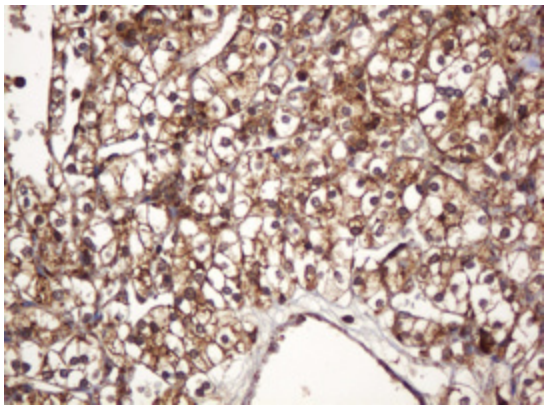


Immunohistochemical staining of paraffin-embedded Carcinoma of Human liver tissue using anti-BTLA mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min, TA505688)



Immunohistochemical staining of paraffin-embedded Human liver 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, TA505688)



Immunohistochemical staining of paraffin-embedded Carcinoma of Human kidney tissue using anti-BTLA mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min, TA505688)

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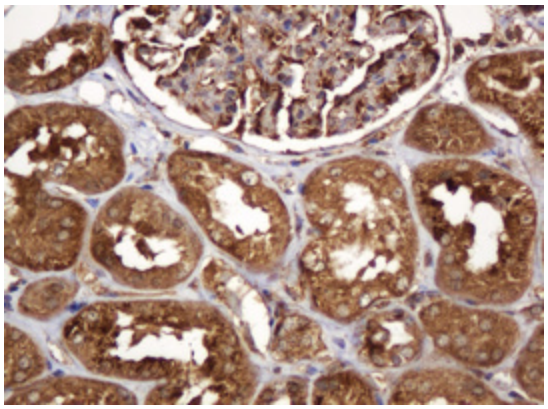
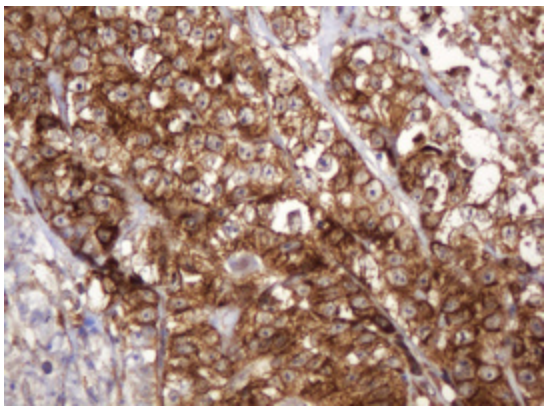
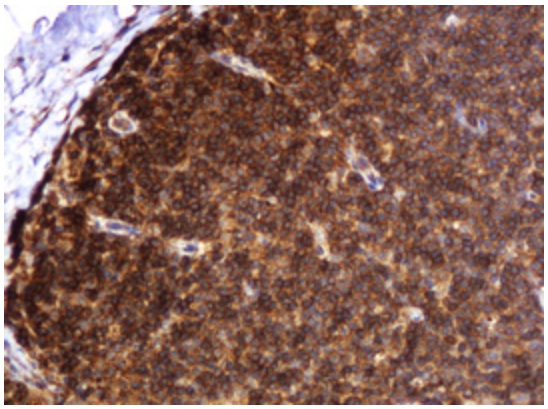


Immunohistochemical staining of paraffin-embedded Human Kidney tissue within the normal limits using anti-BTLA mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min, TA505688)



Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human colon tissue using anti-BTLA mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min, TA505688)



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, TA505688)

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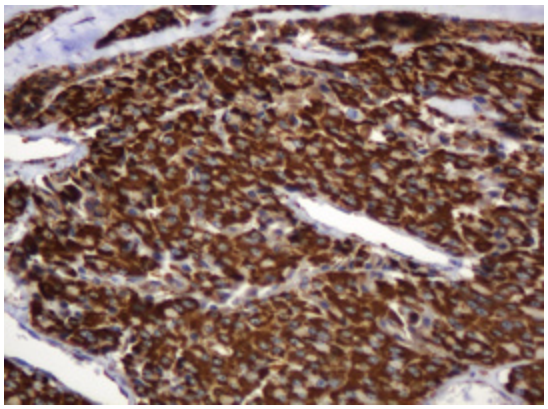
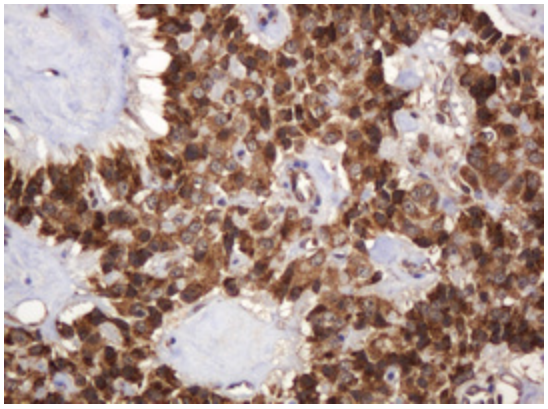
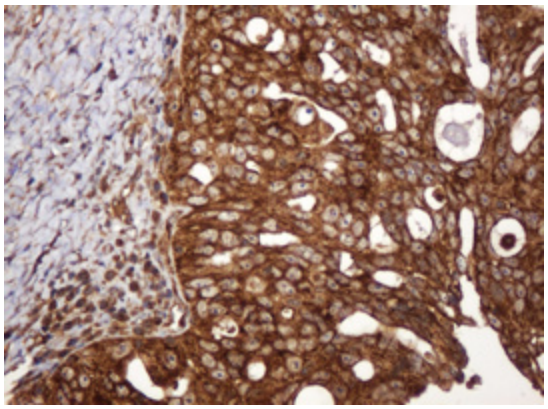


Immunohistochemical staining of paraffin-embedded Carcinoma of Human thyroid tissue using anti-BTLA mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min, TA505688)



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, TA505688)



Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-BTLA mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min, TA505688)

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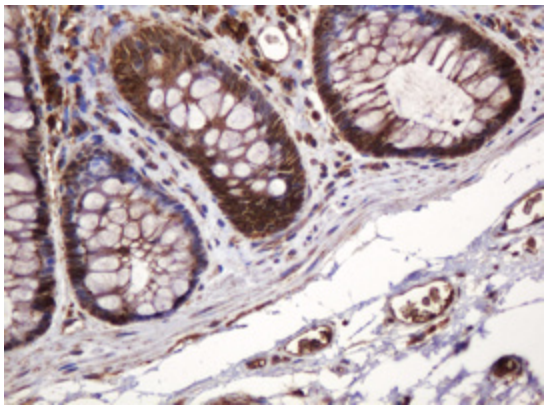
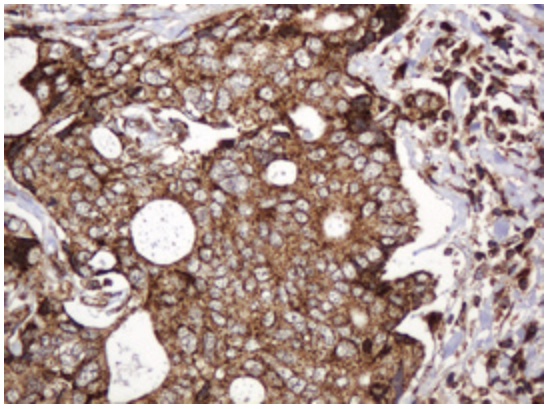
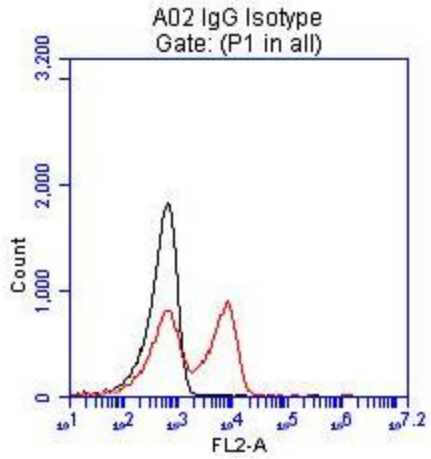


Immunohistochemical staining of paraffin-embedded Human colon tissue within the normal limits using anti-BTLA mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min, TA505688)



Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human breast tissue using anti-BTLA mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min, TA505688)



Flow cytometric analysis of live Sup-B15 cells, using anti-BTLA antibody (TA505688 at 1:100, Red), compared to IgG1 isotype control (Black).

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