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Datasheet for ABIN7072472

## Recombinant anti-BTLA antibody

### 1 Image

#### Overview

Quantity:	200 µg
Target:	BTLA
Reactivity:	Mouse
Host:	Rabbit
Antibody Type:	Recombinant Antibody
Clonality:	Chimeric
Conjugate:	This BTLA antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunoprecipitation (IP), Functional Studies (Func), Blocking Peptide (BP)

#### Product Details

Immunogen:	This antibody was raised by immunising Armenian hamsters with mouse BTLA:Fc fusion protein.
Clone:	HMBT-6B2
Isotype:	IgG kappa
Characteristics:	Original Species of Ab: Hamster, Armenian Original Format of Ab: IgG
Purification:	Purified antibody.

#### Target Details

Target:	BTLA
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## Target Details

Alternative Name:	BTLA ( <a href="#">BTLA Products</a> )
Background:	CD272, B and T lymphocyte attenuator, B- and T-lymphocyte attenuator, B and T lymphocyte associated protein, B- and T-lymphocyte-associated protein, BTLA1, FLJ16065, MGC129743
UniProt:	<a href="#">Q7TSA3</a>
Pathways:	<a href="#">Cancer Immune Checkpoints</a>

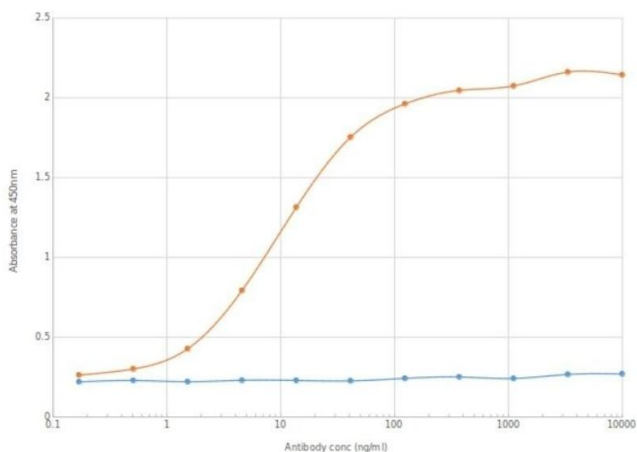
## Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	This chimeric rabbit antibody was made using the variable domain sequences of the original Hamster IgG format, for improved compatibility with existing reagents, assays and techniques.
Restrictions:	For Research Use only

## Handling

Buffer:	PBS with 0.02 % Proclin 300.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

## Images



### ELISA

**Image 1.** ELISA of anti-BTLA antibody on BTLA-Fc fusion protein. Binding curves of the rabbit IgG chimeric version of the anti-BTLA antibody HMBT-6B2 (, red line) and isotype control (ABIN5668035, anti-Fluorescein, blue line) to an ELISA plate coated with BTLA-Fc fusion protein (Pr00224-1.9) at a concentration of 5 µg/mL. A 3-fold serial dilution from 10,000 to 0.17 ng/mL of ABIN7072472 was used. For signal detection, a 1:4000 dilution of anti-rabbit IgG1

(BioRad 5196-2504) antibody was used. The second increase in absorbance at 3333 ng/mL is suggestive of a possible secondary binding epitope for ABIN7072472 on Pr00224-1.9.