

# CD272 Polyclonal Antibody

Catalog # AP68926

## Product Information

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<b>Application</b>	WB, IHC, IF, ICC, FC, E
<b>Primary Accession</b>	<a href="#">Q7Z6A9</a>
<b>Reactivity</b>	Human, Rat, Mouse
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	32834

## Additional Information

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<b>Gene ID</b>	151888
<b>Other Names</b>	BTLA; B- and T-lymphocyte attenuator; B- and T-lymphocyte-associated protein; CD antigen CD272
<b>Dilution</b>	WB--Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications. IHC~1:100~500 IF~1:50~200 ICC~N/A FC~1:10~50 E~N/A
<b>Format</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
<b>Storage Conditions</b>	-20°C

## Protein Information

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<b>Name</b>	BTLA {ECO:0000303   PubMed:12796776, ECO:0000312   HGNC:HGNC:21087}
<b>Function</b>	Inhibitory receptor on lymphocytes that negatively regulates antigen receptor signaling via PTPN6/SHP-1 and PTPN11/SHP-2 (PubMed: <a href="#">12796776</a> , PubMed: <a href="#">14652006</a> , PubMed: <a href="#">15568026</a> , PubMed: <a href="#">18193050</a> ). May interact in cis (on the same cell) or in trans (on other cells) with TNFRSF14 (PubMed: <a href="#">19915044</a> ). In cis interactions, appears to play an immune regulatory role inhibiting in trans interactions in naive T cells to maintain a resting state. In trans interactions, can predominate during adaptive immune response to provide survival signals to effector T cells (PubMed: <a href="#">19915044</a> ).
<b>Cellular Location</b>	Cell membrane; Single-pass type I membrane protein

## Background

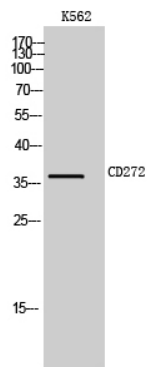
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## Images

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Western Blot analysis of K562 cells using CD272 Polyclonal Antibody

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.