

CD85d Polyclonal Antibody

Catalog # AP73778

Product Information

Application	WB, E
Primary Accession	Q8N423
Reactivity	Human, Rat, Mouse
Host	Rabbit
Clonality	Polyclonal

Additional Information

Other Names	LILRB2; ILT4; LIR2; MIR10; Leukocyte immunoglobulin-like receptor subfamily B member 2; LIR-2; Leukocyte immunoglobulin-like receptor 2; CD85 antigen-like family member D; Immunoglobulin-like transcript 4; ILT-4; Monocyte/macrophage immunoglobulin-like receptor 10; MIR-10; CD85d
Dilution	WB--Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications. E--N/A
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20°C

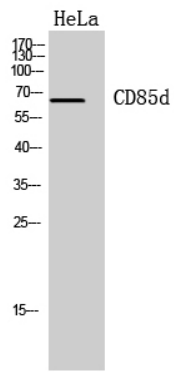
Protein Information

Background

Receptor for class I MHC antigens. Recognizes a broad spectrum of HLA-A, HLA-B, HLA-C, HLA-G and HLA-F alleles (PubMed:[11169396](#), PubMed:[12853576](#), PubMed:[16455647](#), PubMed:[20448110](#), PubMed:[27859042](#)). Involved in the down-regulation of the immune response and the development of tolerance. Recognizes HLA-G in complex with B2M/beta-2 microglobulin and a nonamer self-peptide (peptide-bound HLA-G-B2M) triggering differentiation of type 1 regulatory T cells and myeloid-derived suppressor cells, both of which actively maintain maternal-fetal tolerance (PubMed:[20448110](#), PubMed:[27859042](#), PubMed:[16455647](#)). Competes with CD8A for binding to class I MHC antigens. Inhibits FCGR1A-mediated phosphorylation of cellular proteins and mobilization of intracellular calcium ions (PubMed:[11875462](#), PubMed:[12853576](#), PubMed:[9548455](#), PubMed:[9842885](#)).

Images

Western Blot analysis of HeLa cells using CD85d Polyclonal Antibody.. Secondary antibody was diluted at 1:20000



Citations

- [Tumor-derived ILT4 induces T cell senescence and suppresses tumor immunity.](#)

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