

Anti-CD258 Antibody

Catalog # AP96085

Product Information

Application	WB, IHC, FC
Primary Accession	O43557
Reactivity	Human, Mouse
Host	Mouse
Clonality	Monoclonal
Calculated MW	26350

Additional Information

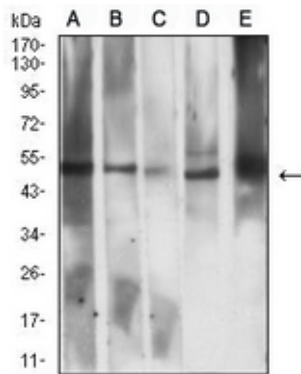
Gene ID	8740
Other Names	HVEML; LIGHT; Tumor necrosis factor ligand superfamily member 14; Herpes virus entry mediator ligand; HVEM-L; Herpesvirus entry mediator ligand; CD258
Target/Specificity	Recombinant fusion protein of human CD258 expressed in E. Coli
Dilution	WB~~WB (1/500 - 1/1000) IHC~~1:100~500 FC~~FC (1/100 - 1/200)
Format	Mouse IgG2b. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

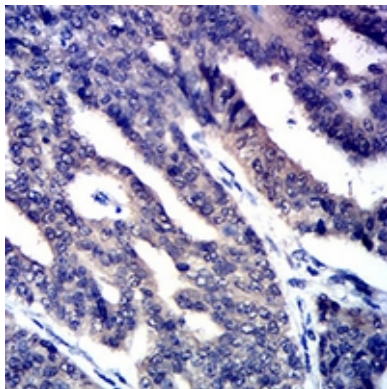
Name	TNFSF14
Synonyms	HVEML, LIGHT
Function	Cytokine that binds to TNFRSF3/LTB and TNFRSF14/HVEM and plays major roles in immune system regulation (PubMed: 10754304 , PubMed: 9462508). Upon binding to TNFRSF14/HVEM, delivers costimulatory signals to T cells, leading to T cell proliferation and IFNG production (PubMed: 10754304). Binds to the decoy receptor TNFRSF6B thereby disrupts the activation signal initiated by TNFSF14, resulting in reduced T-cell activation (PubMed: 25087510).
Cellular Location	[Tumor necrosis factor ligand superfamily member 14, membrane form]: Cell membrane; Single-pass type II membrane protein [Isoform 2]: Cytoplasm.
Tissue Location	Predominantly expressed in the spleen but also found in the brain. Weakly expressed in peripheral lymphoid tissues and in heart, placenta, liver, lung, appendix, and kidney, and no expression seen in fetal tissues, endocrine

glands, or nonhematopoietic tumor lines.

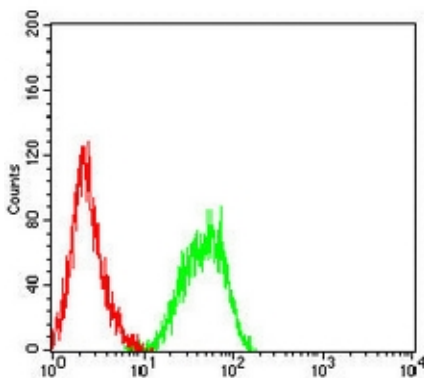
Images



Western blot analysis of CD258 expression in Raji (A), L02 (B), A549 (C), Hela (D), mouse heart (E) whole cell lysates. (Predicted band size: 26 kD; Observed band size: 52 kD)



Immunohistochemical analysis of CD258 staining in human ovarian cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Flow cytometric analysis of HL60 cells using Anti-CD258 Antibody (green) and negative control (red).

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