CD270 Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	CD270, Monoclonal Antibody
Full Product Name	anti-human CD270(HVEM)-Purified Preservative Free
Product Gene Name	anti-CD270 antibody
Product Synonym Names	Monoclonal anti-human CD270(HVEM)
Clonality	Monoclonal
Isotype	IgG2ak
Clone Number	ANC3B7
Host	Mouse
Species Reactivity	Human
Form/Format	50 mM Sodium Phosphate pH 7.5, 100 mM Potassium Chloride, 150mM NaCl
Purity/Purification	Purified Preservative Free
Concentration	1.0 mg/ml (lot specific)
Preparation and Storage	Store at 2 - 5 degree C. Freeze/Thawing is not recommended. Open under aseptic conditions. Product should retain activity for at least 12 months after shipping date when stored as recommended.
Performance	Five x 105 cultured human U-937 cells per tube were washed and pre incubated 5 minutes with 20 ul human IgG at 250 ug/ml (to block non specific binding) after which they were incubated 45 minutes on ice with 80 ul of product at a concentration of 5 ug/ml. Cells were washed twice and incubated with 50 ul of 2 degree reagent Goat anti-Mouse IgG/FITC, after which they were washed three times, fixed and analyzed by FACS. Cells stained positive with a mean shift of 1.0 log10 fluorescent units when compared to a Mouse IgG2a negative control at a similar concentration.
Production	Antibody was Protein A purified from (low FBS containing) tissue culture supernatant. Purity was >95% Immunoglobulin by SDS-PAGE and contains less than 1% Bovine Immunoglobulin. Product was 0.2u sterile filtered and vialed under aseptic conditions.
Buffer	50 mM Sodium Phosphate pH 7.5, 100 mM Potassium Chloride, 150mM NaCl.
Immunogen	Recombinant human CD270(HVEM)
Applications Tested/Suitable for anti-CD270 antibody	Flow Cytometry (FC/FACS), ELISA (EIA)
Related Product Information for anti-CD270 antibody	**Information:** Human CD270 (Herpes Virus Entry Mediator, TNFRSF14, ATAR, LIGHTR, TR2) is a 36kd type I membrane protein that has been found on a broad range of lymphoid tissues. Its ligands include the TNF Ligand family members Ltalpha and LIGHT, and the CD28/Ig Superfamily member BTLA(2). Antibody ANC3B7 is reactive with recombinant CD270 in EIA, and binds to CD270 present on human U-937 cell surface in Flow Cytometry.
Product References and Citations for anti-CD270 antibody	(1) Hsu H, et al. (1997) J Biol Chem 272:13471. (2) Gonzalez LC, et al. (2005) PNAS 102(4): 1116-1121.
Other Notes	Small volumes of anti-CD270 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for CD270 purchase	MBS666665 is an antibody targeting CD270. Also known as anti-human CD270(HVEM)-Purified Preservative Free. Reactive in Human. Host: Mouse.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CD270. It may not necessarily be applicable to this product.

Protein Family	Tumor necrosis factor receptor superfamily
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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