

À des fins de recherche uniquement

Anticorps Monoclonal anti-CD275 (B7-H2)



Numéro de catalogue: **PE-65114**

Informations de base

Numéro de catalogue:

PE-65114

Taille:

100ug, 0.2 mg/ml

Hôte:

Rat

Isotype:

IgG2a, kappa

Numéro d'acquisition GenBank:

BC029227

Identification du gène (NCBI):

50723

Nom complet:

icos ligand

Méthode de purification:

Purification par affinité

CloneNo.:

HK5.3

Excitation/Emission maxima
wavelengths:

496 nm, 565 nm / 578 nm

Applications

Applications testées:

FC

Spécificité de l'espèce:

souris

Informations générales

CD275, also known as B7-H2, ICOSLG or GL50, is a type I transmembrane glycoprotein belonging to the B7 ligand family. CD275 is extensively expressed on professional antigen-presenting cells including B cells, macrophages, and dendritic cells, as well as non-lymphoid cells including mesenchymal stem cells, endothelial cells, fibroblasts, and tumor cells (PMID: 33756276; 35800767). It is a specific ligand for the T-cell-specific cell surface receptor ICOS and acts as a co-stimulatory molecule (PMID: 11023515; 11007762). The interaction of CD275/ICOSLG and ICOS plays important roles in the activation, proliferation, differentiation, and cytokine production of T cells as well as in the antibody secretion from B cells during secondary immune responses (PMID: 21851236).

Stockage

Stockage:

Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

Tampon de stockage:

Tampon à base de phosphate avec azoture de sodium à 0,09 % et gélatine à 0,1 %, pH 7,2.

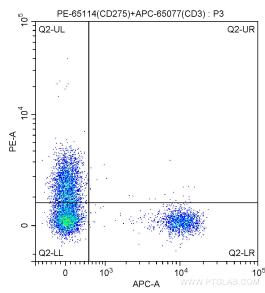
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA)

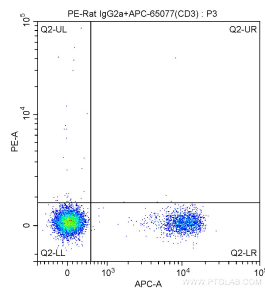
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Données de validation sélectionnées



1X10⁶ C57BL/6 mouse splenocytes were surface stained with APC Anti-Mouse CD3 (APC-65077, Clone: 17A2) and 0.06 ug PE Anti-Mouse CD275 (B7-H2) (PE-65114, Clone: HK5.3). Cells were not fixed.



1X10⁶ C57BL/6 mouse splenocytes were surface stained with APC Anti-Mouse CD3 (APC-65077, Clone: 17A2) and 0.06 ug PE-Rat IgG2a isotype control. Cells were not fixed.