

À des fins de recherche uniquement

Anticorps Monoclonal anti-TIGIT

Numéro de catalogue: **PE-65079**



Informations de base

Numéro de catalogue:

PE-65079

Taille:

100ug, 0.2 mg/ml

Hôte:

Mouse

Isotype:

IgG1, kappa

Numéro d'acquisition GenBank:

NM_001146325

Identification du gène (NCBI):

100043314

Nom complet:

T cell immunoreceptor with Ig and

ITIM domains

Méthode de purification:

Purification par affinité

CloneNo.:

1G9

Excitation/Emission maxima
wavelengths:

496 nm, 565 nm / 578 nm

Applications

Applications testées:

FC

Spécificité de l'espèce:

souris

Informations générales

TIGIT (T-cell immunoreceptor with Ig and ITIM domains), also known as VSIG9 or VSTM3, is an immune receptor expressed on T cells, including Treg and memory subsets, as well as on NK cells (PMID: 19011627). It contains an immunoglobulin variable domain, a transmembrane domain and an immunoreceptor tyrosine-based inhibitory motif (ITIM). TIGIT binds to poliovirus receptor (PVR, also called CD155) with high affinity, and also to PVRL2 (CD112) with lower affinity. The interaction of TIGIT with PVR on dendritic cells increases the secretion of IL-10 and decreases the secretion of proinflammatory cytokine and suppresses T-cell activation by promoting the generation of mature immunoregulatory dendritic cells. TIGIT can inhibit NK cytotoxicity directly through its ITIM (PMID: 19815499).

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.

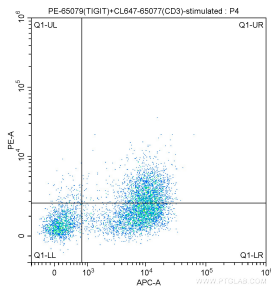
For technical support and original validation data for this product please contact:

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

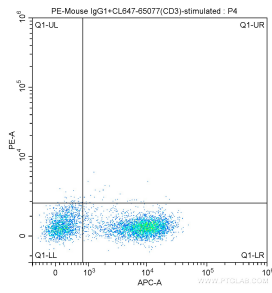
E: proteintech@ptglab.com
W: ptglab.com

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

Données de validation sélectionnées



1X10⁶ Con A-stimulated (3 ug/ml, 2.5 days)
BALB/c mouse splenocytes were surface stained
with CoraLite® Plus 647-Conjugated Anti-Mouse
CD3 (CL647-65077, Clone: 17A2) and 0.5 ug PE
Anti-Mouse TIGIT (PE-65079, Clone: 1G9). Cells
were not fixed.



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CD3 (CL647-65077, Clone: 17A2) and 0.5 ug PE-
Mouse IgG1 isotype control. Cells were not fixed.