

Allgemeine Informationen

Katalog-Nr.:

PE-65079

Größe:

100ug, 0.2 mg/ml

Wirt:

Maus

Isotyp:

IgG1, kappa

GenBank-Zugangsnummer:

NM_001146325

GeneID (NCBI):

100043314

Vollständiger Name:

T cell immunoreceptor with Ig and
ITIM domains

Reinigungsmethode:

Affinitätsreinigung

CloneNo.:

1G9

**Anregungs-/Emissionsmaxima-
Wellenlängen:**

496 nm, 565 nm / 578 nm

Anwendungen

Geprüfte Anwendungen:

FC

Getestete Reaktivität:

Maus

Hintergrundinformationen

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).

Lagerung

Lagerungsbedingungen:

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

Lagerungspuffer:

Phosphatbasierter Puffer mit 0,09% Natriumazid und 0,1% Gelatine, pH 7,2.

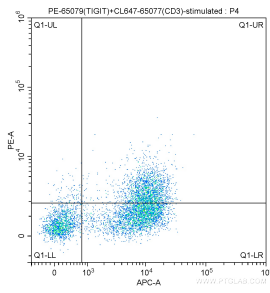
For technical support and original validation data for this product please contact:

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

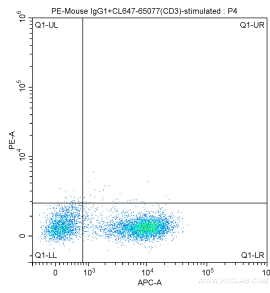
E: proteintech@ptglab.com
W: ptglab.com

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

Ausgewählte Validierungsdaten



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.