

Nur für Forschungszwecke

TIGIT Monoklonaler Antikörper

Katalog-Nr.: APC-65079



Allgemeine Informationen

Katalog-Nr.: APC-65079	GenBank-Zugangsnummer: NM_001146325	Reinigungsmethode: Affinitätsreinigung
Größe: 100ug, 0.2 mg/ml	GeneID (NCBI): 100043314	CloneNo.: 1G9
Wirt: Maus	Vollständiger Name: T cell immunoreceptor with Ig and ITIM domains	Anregungs-/Emissionsmaxima-Wellenlängen: 650 nm / 660 nm
Isotyp: IgG1		

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.

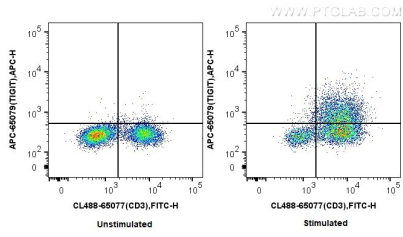
For technical support and original validation data for this product please contact:

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

Ausgewählte Validierungsdaten



1X10⁶ unstimulated or plate-bound Anti-CD3 and Anti-CD28 stimulated BALB/c mouse splenocytes were surface stained with 0.25 ug CoraLite@488 Anti-Mouse CD3 (CL488-65077, Clone: 17A2) and 0.25 ug APC Anti-Mouse TIGIT (APC-65079, Clone: 1G9). Cells were not fixed.