

Product datasheet for **TA386185**

Tigit Rabbit Monoclonal Antibody [Clone ID: 4D4]

Product data:

Product Type:	Primary Antibodies
Clone Name:	4D4
Applications:	FC
Reactivity:	Mouse
Host:	Rabbit
Isotype:	IgG, kappa
Clonality:	Monoclonal
Immunogen:	Armenian hamsters were immunized with recombinant mouse TIGIT tetramers by a combination of s.c. and food pad immunization and booster injections. Draining lymph nodes were fused with Sp2/0-Ag14 cells, selected in HAT (hypoxanthine/aminopterin/thymidine) medium and supernatants were screened for specificity by ELISA and flow cytometry using TIGIT-transfectants.
Specificity:	4D4 specifically recognises TIGIT. 4D4 is an agonistic anti-TIGIT antibody, and addition of plate bound 4D4 to anti-CD3/anti-CD28 stimulated T cells was shown to inhibit their proliferation (Joller 2011). Further, 4D4 has been used in order to identify genes that are downstream of TIGIT signaling in Tregs, as TIGIT engagement might modulate the Treg phenotype in tumor tissue (Liu 2016).
Formulation:	PBS with 0.02% Proclin 300.
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Please store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C. Avoid freeze and thaw cycles.
Stability:	3 years from dispatch.
Gene Name:	T cell immunoreceptor with Ig and ITIM domains
Database Link:	Entrez Gene 100043314 Mouse P86176
Synonyms:	DKFZp667A205; FLJ39873; VSIG9; VSTM3; WUCAM



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Note: This chimeric rabbit antibody was made using the variable domain sequences of the original Hamster format, for improved compatibility with existing reagents, assays and techniques.