

Product datasheet for **TA386030**

CD44 Rabbit Monoclonal Antibody [Clone ID: Hermes -3]

Product data:

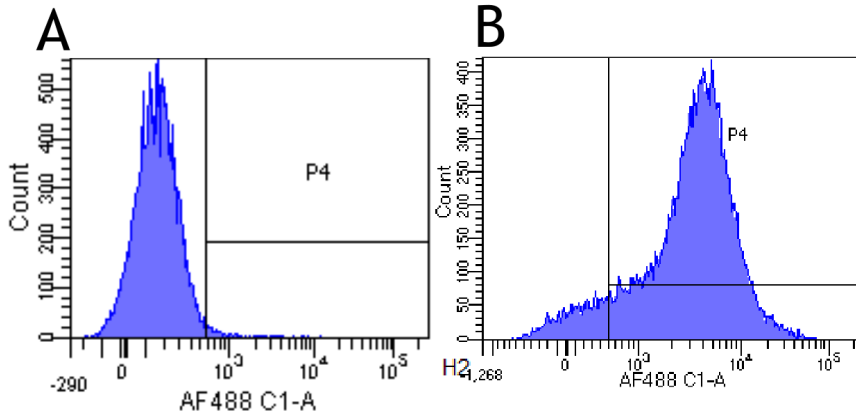
Product Type:	Primary Antibodies
Clone Name:	Hermes -3
Applications:	BI, ELISA, FC, ICC, IF, IHC, WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG, kappa
Clonality:	Monoclonal
Immunogen:	This antibody was produced by immunizing BALB/c mice with purified Hermes-1 antigen from KCA, a human B lymphoblastoid line that binds preferentially to mucosal HEV.
Specificity:	<p>This antibody is specific for CD44 (gp90 epitope cluster III). Hermes-3 recognizes Hermes antigen homologues on monkey, goat, and sheep lymphocytes.</p> <p>This antibody has been used in IF, IHC (immunoperoxidase method), cross-blocking and WB studies to characterise the Hermes-defined antigens (Picker, 1989). This antibody is able to block lymphocyte binding to mucosal HEV, without affecting binding to HEV in peripheral lymph nodes and synovium (Jalkanen, 1987). H3-51 is cross-blocked by this antibody, indicating that the epitopes recognized by these two antibodies overlap (Picker, 1989).</p>
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:	CD44 molecule (Indian blood group)
Database Link:	Entrez Gene 960 Human P16070
Synonyms:	CD44R; CDW44; CSPG8; ECMR-III; Epican; HCELL; HUTCH-I; IN; LHR; MC56; MDU2; MDU3; MGC10468; MIC4; MUTCH-I; PGP-1; PGP-I; Pgp1



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Note: This chimeric rabbit antibody was made using the variable domain sequences of the original Mouse IgG2a format, for improved compatibility with existing reagents, assays and techniques.

Product images:



Flow-cytometry using anti-CD44 antibody Hermes-3 (TA386030) Human lymphocytes were stained with an isotype control ([TA385644], panel A) or the rabbit-chimeric version of Hermes-3 (TA386030, panel B) at a concentration of 1 µg/ml for 30 mins at RT. After washing, bound antibody was detected using a AF488 conjugated donkey anti-rabbit antibody and cells analysed on a FACSCanto flow-cytometer.