

Product datasheet for **TA320512**

Vtcn1 Rat Monoclonal Antibody [Clone ID: 188]

Product data:

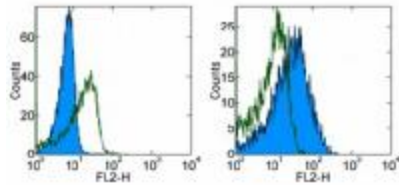
Product Type:	Primary Antibodies
Clone Name:	188
Applications:	FC
Recommended Dilution:	Flow
Reactivity:	Mouse
Host:	Rat
Clonality:	Monoclonal
Formulation:	Aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	V-set domain containing T cell activation inhibitor 1
Database Link:	NP_848709 Entrez Gene 242122 Mouse Q7TSP5

Background: The 188 monoclonal antibody was generated against and reacts with mouse B7-H4 also known as B7S1, B7X. Cross reactivity of this antibody to other proteins has not been determined. B7-H4 is a newly discovered member of the B7 family reported to inhibit T cell activation, cell cycle progression and IL-2 production. The ligand for B7-H4 has not been identified yet. Simultaneous double staining of cells with two anti-mouse B7-H4 antibodies, Clone 9 and 188, suggests that epitopes recognized by these mAbs are different and/or there is no steric hindrance when antibodies are used together. 188 stains mouse B7-H4 transfected cells and not spleen cells. Exact expression pattern of B7-H4 has not been fully characterized.

Synonyms: B7-H4; B7h.5; B7H4; B7S1; B7X; FLJ22418; PRO1291; RP11-229A19.4; VCTN1



[View online »](#)

Product images:

Staining of non-transfected (left) and mouse B7-H4 transfected (right) L5178Y cells with 0.25 ug Rat IgG2b kappa Isotype Control Purified (open histogram) or 0.25 ug Anti-Mouse B7-H4 Purified (filled histogram) followed by Anti-Rat IgG Biotin and Streptavidin PE. Total viable cells were used for analysis.