

Product datasheet for **TA386297**

Lag3 Rat Monoclonal Antibody [Clone ID: C9B7W]

Product data:

Product Type:	Primary Antibodies
Clone Name:	C9B7W
Applications:	BI, FC, IP
Reactivity:	Mouse
Host:	Rat
Isotype:	IgG1, kappa
Clonality:	Monoclonal
Immunogen:	This antibody was raised by immunising Lewis rats with a murine LAG-3:Ig fusion protein.
Specificity:	This antibody is specific for an epitope in the D2 domain of murine LAG-3.

This antibody has been used in flow cytometric analysis of splenocytes (Workman et al, 2005), T cell hybridomas expressing wild-type or chimeric CD4: murine LAG-3 (Workman et al, 2002) and CD4+ regulatory T cells (Chien et al, 2017). It has also been used in immunoprecipitation analysis of murine T hybridoma 3A9 cells transduced with murine LAG-3 (Li et al, 2004). This antibody blocks LAG-3 function in vitro, inhibiting antigen-induced IL-2 production in LAG-3-expressing T cell hybridomas, but does not block LAG-3:MHC class II interaction (Workman et al, 2002). Treatment with this antibody also blocks LAG-3 function in vivo, leading to accelerated homeostatic expansion of WT T cells (Workman et al, 2005). Administration of this LAG-3-blocking antibody, in combination with PD-L1 blockade, synergistically improves the survival of lymphodepleted myeloma-bearing mice (Jing et al, 2015).

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:	lymphocyte-activation gene 3
Database Link:	Entrez Gene 16768 Mouse Q61790



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Synonyms: CD223; FDC; LAG-3