
Product Datasheet

Lag3 antibody (orb669763)

Evolution Bioreagents.
Description

Mouse monoclonal antibody to Lag3

Species/Host	Rat
Reactivity	Mouse
Conjugation	Unconjugated
Tested Applications	Blocking, FC, IP
Immunogen	This antibody was raised by immunising Lewis rats with a murine LAG-3:Ig fusion protein.
Target	LAG-3
Preservatives	PBS with 0.02% Proclin 300.
Concentration	1 mg/ml
Storage	Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.
Note	For research use only
Application notes	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).
Isotype	IgG1
Clonality	Monoclonal
Purity	Purified
Uniprot ID	Q61790
Expiration Date	12 months from date of receipt.