

Tim3 monoclonal antibody

Catalog: MB9540

Host: Mouse

Reactivity: Human

BackGround:

Cell surface receptor implicated in modulating innate and adaptive immune responses. Generally accepted to have an inhibiting function. Reports on stimulating functions suggest that the activity may be influenced by the cellular context and/or the respective ligand. Regulates macrophage activation. Inhibits T-helper type 1 lymphocyte (Th1)-mediated auto- and alloimmune responses and promotes immunological tolerance. In CD8+ cells attenuates TCR-induced signaling, specifically by blocking NF-kappaB and NFAT promoter activities resulting in the loss of IL-2 secretion. The function may implicate its association with LCK proposed to impair phosphorylation of TCR subunits, and/or LGALS9-dependent recruitment of PTPRC to the immunological synapse.

Product:

Mouse IgG1, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

33 kDa (Predicted band size)

Swiss-Prot:

Q8TDQ0(Human)

Purification&Purity:

ProA affinity purified

Applications:

WB:1:500-1:2000

ICC:1:50-1:200

IHC:1:50-1:200

FC:1:50-1:100

Storage&Stability:

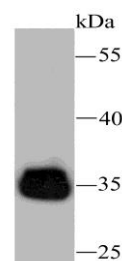
Store at +4°C after thawing. Aliquot store at -20°C or

-80°C. Avoid repeated freeze / thaw cycles.

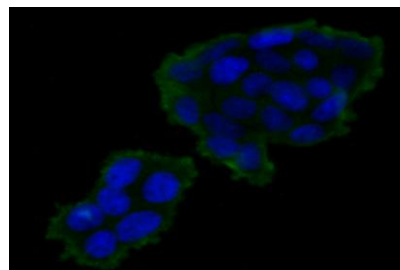
Specificity:

Tim3 monoclonal antibody detects endogenous levels of Tim3 protein.

DATA:



Western blot analysis of tim3 on 293T cell lysate using anti-Tim3 antibody at 1/100 dilution.



ICC staining tim3 (green) in 293T cells. The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

Note:

For research use only, not for use in diagnostic procedure.

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