

Anti-Mouse TIM-1/CD365 Antibody (3D10)

Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Storage: Store at low temperature
-20°C for 1 year
Actual storage temperature shall be subject to the COA.

Biological Description

Description	Anti-Mouse TIM-1/CD365 Antibody (3D10) is a rat-derived monoclonal antibody that specifically binds to and blocks T-cell immunoglobulin and mucin domain-containing protein 1 (TIM-1). Anti-Mouse TIM-1/CD365 Antibody (3D10) is primarily used for functional blocking experiments both in vivo and in vitro. Anti-Mouse TIM-1/CD365 Antibody (3D10) exhibits dual regulatory effects in vivo: it exacerbates lesion development in atherosclerosis models while effectively reducing disease severity in graft-versus-host disease (GVHD) models.
Targets(IC50)	Transmembrane Glycoprotein
In vivo	Anti-Mouse TIM-1/CD365 Antibody (3D10) (200 µg, administered intraperitoneally twice weekly for 4 weeks), when used in combination with anti-TIM-4 antibody in high-fat diet-fed <i>ldlr</i> ^{-/-} mice, exacerbates the development of atherosclerosis [1]. Anti-Mouse TIM-1/CD365 Antibody (3D10) (administered 24 hours prior to ozone exposure) prevents ozone-induced airway hyperresponsiveness and airway inflammation in wild-type mice [2]. Anti-Mouse TIM-1/CD365 Antibody (3D10) (400 µg, intraperitoneal injection, administered on days -1, 3, 7, 11, and 17) prevents graft-versus-host disease (GVHD) in lethally irradiated BALB/c (H-2d) mice receiving allogeneic B6 bone marrow and Tcon cells (H-2b) [3].

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