

Product datasheet for **DM3599P**

Havcr2 Rat Monoclonal Antibody [Clone ID: 6F46]

Product data:

Product Type:	Primary Antibodies
Clone Name:	6F46
Applications:	WB
Recommended Dilution:	Western Blot: 1/500-1/1000.
Reactivity:	Mouse
Host:	Rat
Isotype:	IgG2
Clonality:	Monoclonal
Immunogen:	Purified Mouse recombinant TIM-3
Specificity:	This antibody detects of TIM-3. It doesnot cross-react with Mouse TIM-1 and TIM-2.
Formulation:	PBS without preservatives or stabilizers State: Purified State: Lyophilized purified IgG fraction from cell culture supernatant
Reconstitution Method:	Restore with 200 µl sterile PBS and the final concentration is 500 µg/ml.
Purification:	Protein A/G Affinity Chromatography
Conjugation:	Unconjugated
Storage:	Prior to reconstitution store at -70°C. Following reconstitution store the antibody (in aliquots) at -20°C for 6 months. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	hepatitis A virus cellular receptor 2
Database Link:	Entrez Gene 171285 Mouse Q8VIM0



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Background:

TIM-3 has been identified as a Th1 specific marker initially due to expression on activated and polarized Th1 cells and absence on naïve T cells. It has also been found on CD8+ T cells, Th17, Tregs, monocytes and dendritic cells. As a transmembrane protein, TIM-3 is also referred to as 'T cell immunoglobulin and mucin-like domain containing protein -3.' Enhanced surface expression on CD4+ and CD8+ cells in the CNS are indicative of disease in EAE, murine models of MS. TIM-3 mediated down regulation of Th1 immune responses and induction of immune tolerance illustrate a potential key role for TIM-3 in immunoregulation.

Synonyms:

TIMD-3, TIM3, TIM-3, T-cell membrane protein 3, HAVCR-2