

## Product datasheet for **DM3598P**

### Timd2 Rat Monoclonal Antibody [Clone ID: 5B23]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	5B23
Applications:	WB
Recommended Dilution:	<b>Western Blot:</b> 1/500-1/1000.
Reactivity:	Mouse
Host:	Rat
Isotype:	IgG2
Clonality:	Monoclonal
Immunogen:	Purified Mouse recombinant protein of TIM-2
Specificity:	This antibody detects Mouse of TIM-2 and <b>does not</b> cross-react with Mouse TIM-1 and TIM-3.
Formulation:	PBS State: Purified State: Lyophilized (0.2µm filtered) purified IgG fraction Stabilizer: None
Reconstitution Method:	Restore with 200µl sterile PBS and the final concentration is 500µg/ml.
Purification:	Affinity Chromatography on Protein A/G
Conjugation:	Unconjugated
Storage:	Store lyophilized at 2-8°C for 6 months or at -20°C long term. After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	T cell immunoglobulin and mucin domain containing 2
Database Link:	<a href="#">Entrez Gene 171284 Mouse</a> <a href="#">Q8R183</a>



[View online »](#)

**Background:**

Tim 2 is a transmembrane protein that is developmentally expressed at very high levels in the 8-cell embryo and the blastocyst. Tim 2 is expressed on activated lymphocytes and has been implicated to play a critical role in the development of atopic disease and other Th2-biased immune responses. Tim 2 is a transmembrane protein containing an immunoglobulin domain and a mucin-like domain.

**Synonyms:**

TIMD-2, TIM2, TIM-2, T-cell membrane protein 2