

Product datasheet for **DM3564P**

IL2rb (Extracell. Dom.) Rat Monoclonal Antibody [Clone ID: 9E33]

Product data:

Product Type:	Primary Antibodies
Clone Name:	9E33
Applications:	WB
Recommended Dilution:	Western Blot: 1/500 - 1/1000.
Reactivity:	Mouse
Host:	Rat
Isotype:	IgG2
Clonality:	Monoclonal
Immunogen:	Recombinant protein of IL-2Rbeta extracellular domain.
Specificity:	This antibody detects IL-2Rbeta.
Formulation:	State: Purified State: Lyophilized purified Ig
Reconstitution Method:	Restore with 200µl sterile PBS and the final concentration is 500µg/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 month. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	interleukin 2 receptor, beta chain
Database Link:	Entrez Gene 16185 Mouse P16297



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Background:

IL2 Receptor beta (CD122) is a member of the immunoglobulin superfamily that forms the high affinity IL2 receptor with CD25 and CD132. This receptor chain, which is also shared by the IL15 receptor, is constitutively expressed by NK cells and at lower levels by T cells, B cells, monocytes, and macrophages. The IL2 Receptor beta chain can combine with either the common gamma subunit (gamma c) alone or the gamma c subunit and the IL2 Receptor alpha subunit to generate intermediate or high affinity IL2 receptor complexes, respectively. CD122 levels can be upregulated by activation stimuli such as IL2.

Synonyms:

Interleukin-2 receptor subunit beta, IL-2 receptor subunit beta, IL2 Receptor beta, P70-75