



# Mouse Anti-Horse CD25 monoclonal antibody, clone 15-1 (CABT-ZB089)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

Target	IL2RA
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Horse
Clone	15-1
Conjugate	Unconjugated
Applications	FACS, detecting CD25 on equine cells
Buffer	PBS
Preservative	Sodium azide
Storage	Long time storage is recommended at -20°C.
Ship	Wet ice

## BACKGROUND

### Introduction

CD25 is a 55 kD type I transmembrane glycoprotein also known as low affinity IL-2 receptor  $\alpha$  chain or Tac. It is expressed on progenitor lymphocytes, activated T and B cells, and activated monocytes/macrophages. CD25 is also expressed on a subset of non-stimulated CD4+ T cells termed T regulatory cells. Soluble CD25/IL-2R $\alpha$  is produced as a consequence of lymphocyte stimulation and is found in biological fluids following inflammatory responses. CD25 associates

with IL-2 receptor  $\beta$  (CD122) and common  $\gamma$  (CD132) chains to form a high affinity IL-2R complex.

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**Keywords**

IL2RA; interleukin 2 receptor; alpha; p55; CD25; IL2R; TCGFR; IDDM10; interleukin-2 receptor subunit alpha; TAC antigen; IL-2R subunit alpha; IL-2 receptor subunit alpha; HuMax-TAC

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## GENE INFORMATION

**Synonyms**

IL2RA; interleukin 2 receptor; alpha; p55; CD25; IL2R; TCGFR; IDDM10; interleukin-2 receptor subunit alpha; TAC antigen; IL-2R subunit alpha; IL-2 receptor subunit alpha; HuMax-TAC

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