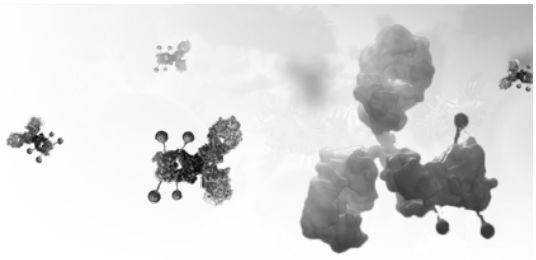

Mouse Anti-Mouse TCR(α + β subunits) Monoclonal antibody, clone 1B2 (CABT-L4288)

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

PRODUCT INFORMATION

Product Overview	The 1B2 monoclonal antibody recognizes determinants on the variable regions of both the α and β subunits of the TCR expressed by the mouse cytotoxic T lymphocyte clone 2C.
Target	Mouse 2C TCR
Immunogen	T lymphocyte clone 2C
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Mouse
Clone	1B2
Purification	Protein G purified. Purity>95%. Determined by SDS-PAGE
Conjugate	Functional Grade
Applications	IF, FC
Molecular Weight	150 kDa
Format	0.2 μM filtered liquid. Purified from tissue culture supernatant in an animal free facility
Concentration	Lot specific
Size	5 mg
Buffer	PBS, pH 7.0. Contains no stabilizers or preservatives. [low endotoxin azide-free]

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	Endotoxin level: <2EU/mg (<0.002EU/μg). Determined by LAL gel clotting assay Related dilution buffer: CABT-LB04
Preservative	None
Storage	The antibody solution should be stored undiluted at 4°C, and protected from prolonged exposure to light. Do not freeze.
Ship	Wet ice

BACKGROUND

Introduction	Two distinct types of T-cell antigen receptors have been identified: the alpha/beta heterodimer found on functional helper and cytotoxic T cells, and the gamma/delta heterodimer. The latter is first detected approximately 2 days before the appearance of cell-surface alpha/beta heterodimer during T-cell ontogeny.
Keywords	TcR

GENE INFORMATION

Official Symbol	TcR
Synonyms	TcR
References	Dominguez, D., et al. (2016). "Exogenous IL-33 Restores Dendritic Cell Activation and Maturation in Established Cancer." J Immunol. 10.4049/jimmunol.1501399. PubMed;

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