

ARG63107
anti-TCR alpha + TCR beta antibody [IP26]Package: 100 µg
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody [IP26] recognizes TCR alpha + TCR beta
Tested Reactivity	Hu
Tested Application	CyTOF®-candidate, FACS
Specificity	The clone IP26 recognizes a monomorphic determinant of TCR alpha + TCR beta, the dominant subtype of T cell receptor expressed in human peripheral blood.
Host	Mouse
Clonality	Monoclonal
Clone	IP26
Isotype	IgG1
Target Name	TCR alpha + TCR beta
Conjugation	Un-conjugated

Application Instructions

Application table	Application	Dilution
	CyTOF®-candidate	Assay-dependent
	FACS	2 - 4 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	FACS: Human peripheral blood T cells	

Properties

Form	Liquid
Purification	Purified from ascites by protein-A affinity chromatography.
Purity	> 95% (by SDS-PAGE)
Buffer	PBS (pH 7.4) and 15 mM Sodium azide
Preservative	15 mM Sodium azide
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 6955 Human
Background	The antigen-specific T cell receptor (TCR) is composed of either alpha and beta subunit, or gamma and delta subunit. Majority of T cells present in the blood, lymph and secondary lymphoid organs express TCR alpha/beta heterodimers, whereas the T cells expressing TCR gamma/delta heterodimers are localized mainly in epithelial tissues and at the sites of infection. The subunits of TCR heterodimers are covalently bonded and in the endoplasmic reticulum they associate with CD3 subunits to form functional TCR-CD3 complex. Lack of expression of any of the chains is sufficient to stop cell surface expression. _x000D_
Highlight	Related products: TCR antibodies ; TCR Duos / Panels ; Anti-Mouse IgG secondary antibodies ; Related news: CyTOF-candidate Antibodies
Research Area	Developmental Biology antibody; Immune System antibody
Calculated Mw	TCR alpha: 30 kDa TCR beta: 35 kDa