

## TCR V alpha 8 antibody

<b>Catalog Number</b>	GTX11479
<b>Synonyms</b>	T cell receptor V alpha8   TCR V alpha8   TCR V alpha 8   T cell receptor V alpha 8
<b>Product Description</b>	Rat monoclonal [KT50] to TCR V alpha 8
<b>Background</b>	<p>T cell receptors (TCR) recognize foreign antigens which have been processed as small peptides and bound to major histocompatibility complex (MHC) molecules at the surface of antigen presenting cells (APC). Each T cell receptor is a dimer consisting of one alpha and one beta chain or one delta and one gamma chain. This region represents the germline organization of the T cell receptor beta locus. The beta locus includes V (variable), J (joining), diversity (D), and C (constant) segments. During T cell development, the beta chain is synthesized by a recombination event at the DNA level joining a D segment with a J segment; a V segment is then joined to the D-J gene. The C segment is later joined by splicing at the RNA level.</p>
<b>Host</b>	Rat
<b>Clonality</b>	Monoclonal
<b>Clone No</b>	KT50
<b>Isotype</b>	IgG2a
<b>Immunogen</b>	V alpha 8 T cell receptor
<b>Species Reactivity</b>	Mouse - Not yet tested in other species.
<b>Tested Applications</b>	Flow cytometry/FACS, IHC (Frozen sections). The usefulness of this product in other applications has not been determined.
<b>Application Note</b>	FACS: Use at a dilution of 1/2 - 1/4. Use 10 µl of the suggested working dilution to label 10 <sup>6</sup> cells in 100 µl. IHC-Fr: Use at a dilution of 1/2 - 1/4. Not tested in other applications. Optimal dilutions/concentrations should be determined by the end user.
<b>Target</b>	TCR V alpha 8
<b>Cellular Localization</b>	Plasma membrane
<b>Purification</b>	Tissue culture supernatant
<b>Storage Buffer</b>	Preservative: 0.2% Sodium Azide; Constituents: 5-10% Foetal Calf Serum, Tissue Culture Supernatant, 0.2M Tris HCl. pH 7.4
<b>Storage Instruction</b>	Keep as concentrated solution. Store at 4°C short term. For extended storage aliquot and store at -20°C or below. Avoid freeze-thaw cycles.
<b>Notes</b>	This product should be stored undiluted. Should this product contain a precipitate we recommend microcentrifugation before use.