

TCR alpha Blocking Peptide
Catalog # PBV10497b**Specification**

TCR alpha Blocking Peptide - Product Information

Primary Accession	O6ISU1
Other Accession	18195
Gene ID	171558
Calculated MW	29266

TCR alpha Blocking Peptide - Additional Information**Gene ID** 171558**Application & Usage**

The peptide is used for blocking the antibody activity of active TCR Alpha Peptide. It usually blocks the antibody activity completely in Western blot analysis by incubating the peptide with equal volume of antibody for 30 minutes at 37°C

Other Names

Pre T-cell antigen receptor alpha, pT-alpha, pTa, pT-alpha-TCR, PTCRA

Target/Specificity

TCR alpha

Formulation

50 µg (0.2 mg/ml) in phosphate buffered saline (PBS), pH 7.2, containing 0.1% BSA and 0.02% thimerosal.

Reconstitution & Storage

-20 °C

Background Descriptions**Precautions**

TCR alpha Blocking Peptide is for research use only and not for use in diagnostic or therapeutic procedures.

TCR alpha Blocking Peptide - Protein Information**Name** PTCRA

Function

The pre-T-cell receptor complex (composed of PTCRA, TCRB and the CD3 complex) regulates early T-cell development.

Cellular Location

Membrane; Single-pass type I membrane protein

Tissue Location

Expressed in immature but not mature T-cells. Also found in CD34+ cells from peripheral blood, CD34+ precursors from umbilical cord blood and adult bone marrow

TCR alpha Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

TCR alpha Blocking Peptide - Images