

TCR gamma/delta Monoclonal Antibody (5A6.E9)

Product Details

Size	200 µg
Species Reactivity	Human
Published Species	Cynomolgus monkey, Non-human primate, Human, Rhesus monkey
Host/Isotype	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	5A6.E9
Conjugate	Unconjugated
Immunogen	Human leukemic PEER cells
Form	Liquid
Concentration	0.15 mg/mL
Purification	Protein A
Storage buffer	PBS with 0.5% BSA
Contains	0.1% sodium azide
Storage conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_223500

Applications	Tested Dilution	Publications
Immunohistochemistry (IHC)	-	14 Publications
Immunohistochemistry (Paraffin) (IHC (P))	-	2 Publications
Immunohistochemistry (Frozen) (IHC (F))	Assay-dependent	1 Publication
Flow Cytometry (Flow)	1-2 µg/test	20 Publications
ELISA (ELISA)	-	1 Publication
Immunoprecipitation (IP)	Assay-dependent	-
Neutralization (Neu)	-	1 Publication
Inhibition Assays (IA)	-	1 Publication
Blocking Assay (BLOCK)	-	1 Publication
T-Cell Activation (TCA)	Assay-dependent	-
Miscellaneous PubMed (Misc)	-	9 Publications

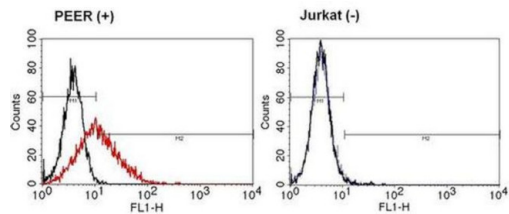
Product Specific Information

TCR1061 targets TCR Pan TCR gamma delta in FACS, IHC(F), IP, and TCA applications and shows reactivity with Human samples. The clone 5A6.E9 has been listed as 5A6.E91 in some publications and documents. These are the same clone.

The TCR1061 immunogen is human PEER cells.

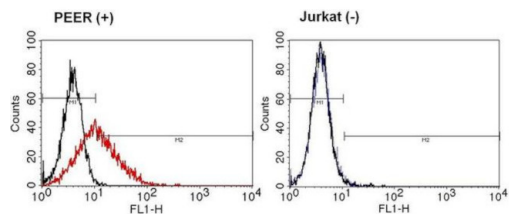
TCR1061 detects TCR Pan TCR gamma delta which has a predicted molecular weight of approximately 18 kDa.

Product Images For TCR gamma/delta Monoclonal Antibody (5A6.E9)



TCR gamma/delta Antibody (TCR1061)

The specificity of anti-TCR gamma + delta (5A6.E9) monoclonal antibody (Product # TCR1061) was demonstrated by the flow cytometry detection of TCR gamma/delta on TCR gamma/delta positive PEER cells compared to TCR gamma/delta negative Jurkat cells. {RE}



TCR gamma/delta Antibody (TCR1061) in Flow

Flow cytometry analysis of TCR gamma/delta on TCR gamma/delta positive PEER cells or TCR gamma/delta negative Jurkat cells. Equal numbers of cells were stained with a TCR gamma + delta (5A6.E9) monoclonal antibody (Product # TCR1061) followed by FITC labeled secondary antibody or with FITC labeled secondary antibody alone (black histograms). 5 μ L of primary antibody were used per test. All antibody incubations were performed for 30 minutes at room temperature. A representative 10,000 cells were acquired for each sample.

Immunohistochemistry (14)

<p>Frontiers in immunology</p> <p>Preferential Infiltration of Unique V9J2-V2 T Cells Into Glioblastoma Multiforme.</p> <p>"TCR1061 was used in Immunohistochemistry to characterise Glioblastoma multiforme-infiltrating T cells, which may have roles in regulating the GBM tumour microenvironment and cancer cell gene expression."</p> <p>Authors: Lee M,Park C,Woo J,Kim J,Kho I,Nam DH,Park WY,Kim YS,Kong DS,Lee HW,Kim TJ</p>	<p>Year 2020</p> <p>Species Human</p>
<p>Applied immunohistochemistry & molecular morphology : AIMM</p> <p>Immunohistochemical Detection of / T Lymphocytes in Formalin-fixed Paraffin-embedded Tissues.</p> <p>"TCR1061 was used in Immunohistochemistry to show that H-41 to the TCR -chain appears to be a suitable reagent for the replacement of mAb g3.20."</p> <p>Authors: Jungbluth AA,Frosina D,Fayad M,Pulitzer MP,Dogan A,Busam KJ,Imai N,Gnjatic S</p>	<p>Year 2019</p> <p>Species Human</p>

View more IHC references on thermofisher.com

Immunohistochemistry (Paraffin) (2)

<p>The American journal of surgical pathology</p> <p>Clinicopathologic Spectrum of Gastrointestinal T-cell Lymphoma: Reappraisal Based on T-cell Receptor Immunophenotypes.</p> <p>"TCR1061 was used in immunohistochemistry - paraffin section to study the clinicopathologic spectrum of gastrointestinal T-cell lymphoma based on immunophenotypes"</p> <p>Authors: Tanaka T,Yamamoto H,Elsayed AA,Satou A,Asano N,Kohno K,Kinoshita T,Niwa Y,Goto H,Nakamura S,Kato S</p>	<p>Year 2016</p>
<p>The Journal of allergy and clinical immunology</p> <p>Programmed cell death ligand 1 alleviates psoriatic inflammation by suppressing IL-17A production from programmed cell death 1-high T cells.</p> <p>"TCR1061 was used in immunohistochemistry - paraffin section to evaluate alleviation from psoriatic inflammation by programmed cell death ligand 1 and suppression of IL-17A production from programmed cell death 1-high T cells"</p> <p>Authors: Kim JH,Choi YJ,Lee BH,Song MY,Ban CY,Kim J,Park J,Kim SE,Kim TG,Park SH,Kim HP,Sung YC,Kim SC, Shin EC</p>	<p>Year 2016</p>

More applications with references on thermofisher.com

- IHC (F) (1)
- Flow (20)
- ELISA (1)
- Neu (1)
- IA (1)
- BLOCK (1)
- Misc (9)

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