

TCR V beta 5b Monoclonal Antibody (W112)

Product Details

Size	200 µg
Species Reactivity	Human
Published Species	Human
Host/Isotype	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	W112
Conjugate	Unconjugated
Immunogen	Human TCR Vb5.3
Form	Liquid
Concentration	0.15 mg/mL
Purification	Protein G
Storage buffer	PBS with 0.5% BSA
Contains	0.1% sodium azide
Storage conditions	-20°C
RRID	AB_417086

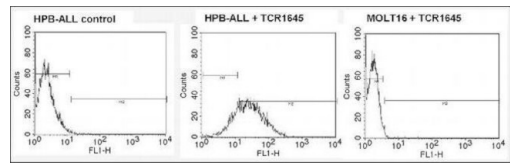
Applications	Tested Dilution	Publications
Western Blot (WB)	Assay-dependent	-
Immunohistochemistry (IHC)	-	2 Publications
Immunohistochemistry (Frozen) (IHC (F))	Assay-dependent	-
Immunocytochemistry (ICC/IF)	-	1 Publication
Flow Cytometry (Flow)	1-2 µg/test	3 Publications
Immunoprecipitation (IP)	Assay-dependent	-
T-Cell Activation (TCA)	Assay-dependent	-

Product Specific Information

TCR1645 targets TCR V beta 5b in FACS, IHC (F), IP, TCA, and WB applications and shows reactivity with Human samples.

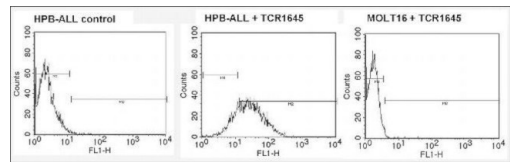
The TCR1645 immunogen is human TCR Vb5.3.

Product Images For TCR V beta 5b Monoclonal Antibody (W112)



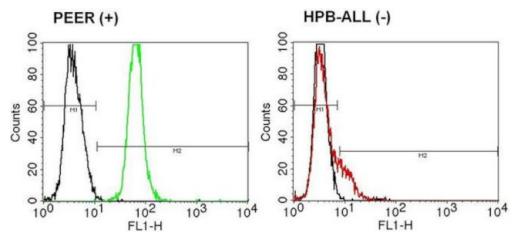
TCR V beta 5b Antibody (TCR1645)

The specificity of anti-TCR V beta 5b (W112) monoclonal antibody (Product # TCR1645) was demonstrated by the flow cytometry detection of TCR V beta 5b on TCR V beta 5b on positive HPB-ALL cells (left and middle panel) compared to negative control MOLT16 cells (right panel). {RE}



TCR V beta 5b Antibody (TCR1645) in Flow

Flow cytometry analysis of TCR V beta 5b on TCR V beta 5b positive HPB-ALL cells (left and middle panel) or negative control MOLT16 cells (right panel). Equal numbers of cells were stained with a TCR V beta 5b (W112) monoclonal antibody (Product # TCR1645) followed by FITC labeled secondary antibody, or FITC labeled secondary antibody alone. 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.



TCR V beta 5b Antibody (TCR1645) in Flow

Flow cytometry analysis of TCR V beta 12 on TCR V beta 12 positive PEER cells (left panel) or negative control HPB-ALL cells (right panel). Equal numbers of cells were stained with a TCR V beta 12 (S511) monoclonal antibody (Product # TCR1654) followed by FITC labeled secondary antibody, or FITC labeled secondary antibody alone. 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.

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Immunohistochemistry (2)

<p>The Journal of investigative dermatology</p> <p>Evidence for restricted Vbeta usage in the leukemic phase of cutaneous T cell lymphoma.</p> <p>"TCR1645 was used in immunohistochemistry to study the change of Vbeta chain of T cell receptors during the leukemic phase of cutaneous T cell lymphoma"</p> <p>Authors: Vonderheid EC,Boselli CM,Conroy M,Casaus L,Espinoza LC,Venkataramani P,Bigler RD,Hou JS</p>	<p>Year</p> <p>2005</p> <p>Species</p> <p>Human</p>
<p>Clinical and experimental immunology</p> <p>Immunological study on CD3 defective cutaneous T cell lymphoma cells from a patient with Sézary syndrome.</p> <p>"TCR1645 was used in immunohistochemistry to characterize T cell lymphoma cells from a Sezary syndrome patient"</p> <p>Authors: Sano S,Matsui Y,Itami S,Yoshikawa K</p>	<p>Year</p> <p>1998</p> <p>Species</p> <p>Human</p>

Immunocytochemistry (1)

<p>Journal of dental research</p> <p>Large-scale early in vitro response to actinobacillus actinomycetemcomitans suggests superantigenic activation of T-cells.</p> <p>"TCR1645 was used in immunocytochemistry to study the mechanism for T cell response to Actinobacillus actinomycetemcomitans"</p> <p>Authors: Zadeh HH,Nalbant A,Park K</p>	<p>Year</p> <p>2001</p> <p>Species</p> <p>Human</p>
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Flow Cytometry (3)

<p>The European respiratory journal</p> <p>T-cell receptor repertoire expression in workers with occupational asthma due to platinum salt.</p> <p>"TCR1645 was used in flow cytometry to study the expression of TCR repertoire in patients suffered from asthma"</p> <p>Authors: Raulf-Heimsoth M,Merget R,Rihs HP,Föhring M,Liebers V,Gellert B,Schultze-Werninghaus G,Baur X</p>	<p>Year</p> <p>2000</p> <p>Species</p> <p>Human</p>
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