

# TCR DO11.10 Monoclonal Antibody (KJ1-26), PE

Product Details	
Size	50 µg
Species Reactivity	Mouse
Published Species	Mouse
Host/Isotype	Mouse / IgG2a
Class	Monoclonal
Type	Antibody
Clone	KJ1-26
Conjugate	PE
Excitation/Emission Max	565/576 nm
Immunogen	T cell hybridoma, D011.10
Form	Liquid
Concentration	0.1 mg/mL
Purification	Protein G
Storage buffer	PBS with 4-5mg/mL BSA
Contains	0.02% sodium azide
Storage conditions	4° C, do not freeze
RRID	AB_2539053

Applications	Tested Dilution	Publications
Flow Cytometry (Flow)	0.5 µg/1x10^6 cells	18 Publications
Functional Assay (FN)	-	1 Publication
Miscellaneous PubMed (Misc)	-	7 Publications

## Product Specific Information

MA5-17663 targets D011.10 TCR in FACS applications and shows reactivity with Mouse samples.

The MA5-17663 immunogen is t cell hybridoma, D011.10.

## Flow Cytometry (18)

Cancer immunology research

### GM-CSF Promotes Antitumor Immunity by Inducing Th9 Cell Responses.

"MA5-17663 was used in Flow Cytometry to demonstrate that GM-CSF potentiates the efficacy of cancer vaccines through IL9-producing Th (Th9) cells."

Authors: Kim IK,Koh CH,Jeon I,Shin KS,Kang TS,Bae EA,Seo H,Ko HJ,Kim BS,Chung Y,Kang CY

Year  
2019

Species  
Mouse

Journal of immunology (Baltimore, Md. : 1950)

### Cutting edge: lung mucosal Th17-mediated responses induce polymeric Ig receptor expression by the airway epithelium and elevate secretory IgA levels.

"MA5-17663 was used in flow cytometry to examine the role of Th17 cells in B cell recruitment and antibody production during lung inflammation"

Authors: Jaffar Z,Ferrini ME,Hertrich LA,Roberts K

Year  
2009

[View more Flow references on thermofisher.com](#)

## Functional Assay (1)

Journal of immunology (Baltimore, Md. : 1950)

### LFA-1 on CD4+ T cells is required for optimal antigen-dependent activation in vivo.

"MA5-17663 was used in Functional assay to demonstrate that LFA-1 is required for optimal CD4(+) T cell priming in vivo."

Authors: Kandula S,Abraham C

Year  
2004

Species  
Mouse

## Miscellaneous PubMed (7)

Journal of immunology (Baltimore, Md. : 1950)

### IL-2 induces a competitive survival advantage in T lymphocytes.

"MA5-17663 was used in flow cytometry to examine the role of IL-2 in the long-term survival of T cells."

Authors: Dooms H,Kahn E,Knoechel B,Abbas AK

Year  
2004

Species  
Mouse

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