

## CD3 epsilon antibody [145-2C11]

Cat. No. GTX16181

<b>Host</b>	Armenian Hamster
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG1
<b>Applications</b>	WB, ICC/IF, IHC-Fr, FCM, IP, Activation, Depletion, Neutralizing /Inhibition
<b>Reactivity</b>	Mouse

References ( 10 )

Package

250 µg

## PRODUCT

## Summary

The 145-2C11 antibody is specific for mouse CD3ε, also known as CD3 epsilon, a 20 kDa subunit of the T cell receptor complex, along with CD3 gamma and CD3 delta. These integral membrane protein chains assemble with additional chains of the T cell receptor (TCR), as well as CD3 zeta chain, to form the T cell receptor – CD3 complex. Together with co-receptors CD4 or CD8, the complex serves to recognize antigens bound to MHC molecules on antigen-presenting cells. Such interactions promote T cell receptor signaling (T cell activation) and can result in a number of cellular responses including proliferation, differentiation, production of cytokines or activation-induced cell death. CD3 is differentially expressed during thymocyte-to-T cell development and on all mature T cells.

## Applications

## Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	Assay dependent
ICC/IF	Assay dependent
IHC-Fr	Assay dependent
FCM	Assay dependent
IP	Assay dependent
Activation	Assay dependent
Depletion	Assay dependent
Neutralizing /Inhibition	Assay dependent

Not tested in other applications.

**Calculated MW** 21 kDa. ( [Note](#) )

## Properties

<b>Form</b>	Liquid
<b>Buffer</b>	10mM NaH <sub>2</sub> PO <sub>4</sub> , 150mM NaCl
<b>Preservative</b>	0.09% Sodium azide



For full product information, images and publications, please visit our [website](#).

<b>Storage</b>	Store as concentrated solution. Centrifuge briefly prior to opening vial. Store at 4°C.
<b>Concentration</b>	0.5 mg/ml (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	Tissue / cell preparation, H-2Kb-specific mouse cytotoxic T lymphocyte clone BM10-37.
<b>Purification</b>	Purified by affinity chromatography From tissue culture supernatant
<b>Conjugation</b>	Unconjugated
<b>Note</b>	<p>For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.</p> <p>Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.</p>



For full product information, images and publications, please visit our [website](#).