


## Product datasheet

# Anti-CD28 antibody [CD28.2] - Low endotoxin, Azide free ab85986

### 9 References

#### Overview

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<b>Product name</b>	Anti-CD28 antibody [CD28.2] - Low endotoxin, Azide free
<b>Description</b>	Mouse monoclonal [CD28.2] to CD28 - Low endotoxin, Azide free
<b>Host species</b>	Mouse
<b>Tested applications</b>	<b>Suitable for:</b> WB, IP, IHC-Fr, Functional Studies, ICC, Flow Cyt
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Non human primates 
<b>Immunogen</b>	Human CD28 transfected murine T cell hybridoma.

#### Properties

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<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
<b>Storage buffer</b>	pH: 7.20 Constituents: 0.14% Monobasic dihydrogen sodium phosphate, 0.87% Sodium chloride
<b>Carrier free</b>	Azide free. Yes
<b>Purity</b>	Affinity purified
<b>Purification notes</b>	This purified format is guaranteed to be >90% pure as determined by SDS-PAGE analysis. Endotoxin level is less than or equal to 0.01 EU/ug, as determined by the LaL assay.
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	CD28.2
<b>Isotype</b>	IgG1

#### Applications

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Our [Abpromise guarantee](#) covers the use of **ab85986** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use at an assay dependent concentration. Predicted molecular weight: 25 kDa.
IP		Use at an assay dependent concentration.
IHC-Fr		Use at an assay dependent concentration.
Functional Studies		Use at an assay dependent concentration.
ICC		Use at an assay dependent concentration.
Flow Cyt		Use at an assay dependent concentration. <a href="#">ab170190</a> - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.

## Target

<b>Function</b>	Involved in T-cell activation, the induction of cell proliferation and cytokine production and promotion of T-cell survival.
<b>Tissue specificity</b>	Expressed in T-cells and plasma cells, but not in less mature B-cells.
<b>Sequence similarities</b>	Contains 1 Ig-like V-type (immunoglobulin-like) domain.
<b>Cellular localization</b>	Membrane.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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