

Datasheet for ABIN1804378  
**anti-CD40 antibody**



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2 Images

## Overview

Quantity:	100 µg
Target:	CD40
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD40 antibody is un-conjugated
Application:	Flow Cytometry (FACS), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC), Immunohistochemistry (Frozen Sections) (IHC (fro))

## Product Details

Brand:	IHC-plus™
Immunogen:	Type of Immunogen: Native protein
Isotype:	IgG2a
Specificity:	Recognizes human CD40 cell surface antigen, a 48kD glycoprotein expressed by B lymphocytes and weakly by some monocytes. CD40 is involved in the process of B cell selection in germinal centers and is vital in T cell-B cell interactions.
Purification:	Protein A purified

## Target Details

Target:	CD40
Alternative Name:	CD40 ( <a href="#">CD40 Products</a> )
Background:	Name/Gene ID: CD40 Family: TNF Receptor  Synonyms: CD40, B-cell surface antigen CD40, B cell-associated molecule, B cell surface antigen CD40, CD40 antigen, CD40 type II isoform, p50, Bp50, CD40L receptor, CDW40, TNFRSF5
Gene ID:	958
UniProt:	<a href="#">P25942</a>
Pathways:	<a href="#">NF-kappaB Signaling</a> , <a href="#">Cellular Response to Molecule of Bacterial Origin</a> , <a href="#">M Phase</a> , <a href="#">Regulation of Leukocyte Mediated Immunity</a> , <a href="#">Positive Regulation of Immune Effector Process</a> , <a href="#">Production of Molecular Mediator of Immune Response</a> , <a href="#">Cancer Immune Checkpoints</a>

## Application Details

Application Notes:	Approved: Flo (20 µg/mL), ICC (1:10), IHC, IHC-Fr, IHC-P (10 µg/mL), IP  Usage: Suitable for use in Flow Cytometry, Immunoprecipitation and Immunohistochemistry. Flow Cytometry: 20 µg/mL. Use 10 µL to lane 1 x10 <sup>6</sup> in 100 µL. Immunohistochemistry (Frozen and paraffin): 1-10 µg/mL. Requires protein digestion pre-treatment of paraffin embedded sections prior to staining. Immunocytochemistry: 1:10 µg/mL. Positive control: Human tonsil.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

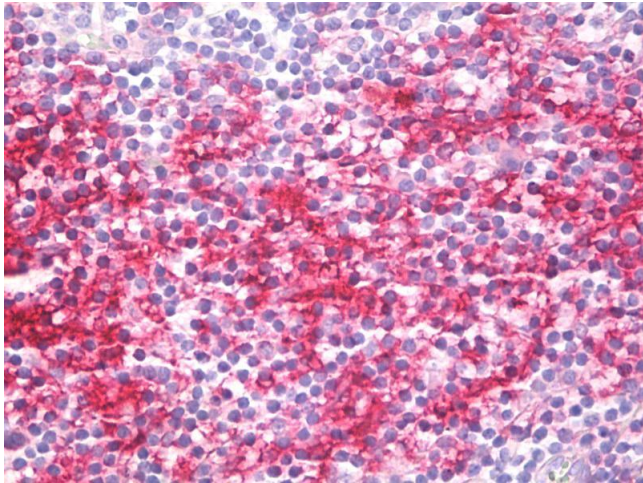
## Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	TBS, pH 7.4, 0.09 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Handling

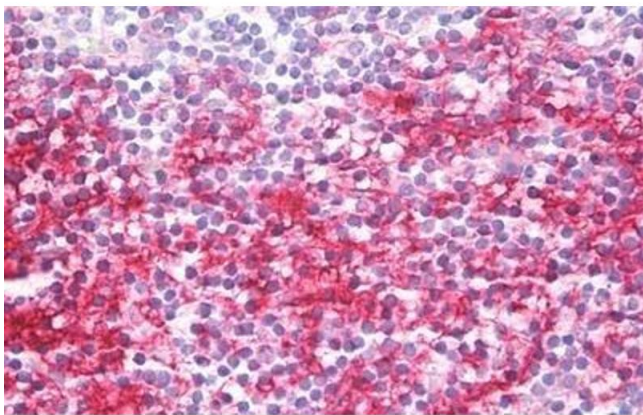
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C,-20 °C
Storage Comment:	Can be stored at 4°C. For long term storage, aliquot and store at -20°C. Avoid freeze-thaw cycles.

## Images



### Immunohistochemistry

**Image 1.** Anti-CD40 antibody IHC staining of human tonsil. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



### Immunohistochemistry

**Image 2.** Human Tonsil: Formalin-Fixed, Paraffin-Embedded (FFPE)