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Datasheet for ABIN674604

## anti-CD28 antibody (AA 1-120)

7 Images

1 Publication

### Overview

Quantity:	100 µL
Target:	CD28
Binding Specificity:	AA 1-120
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CD28 antibody is un-conjugated
Application:	Flow Cytometry (FACS), Western Blotting (WB), ELISA, Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from mouse CD28
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Predicted Reactivity:	Dog,Cow,Pig,Horse,Chicken
Purification:	Purified by Protein A.

### Target Details

Target:	CD28
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## Target Details

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Alternative Name:	CD28 ( <a href="#">CD28 Products</a> )
Background:	Synonyms: T-cell-specific surface glycoprotein CD28, CD28 Background: Involved in T-cell activation, the induction of cell proliferation and cytokine production and promotion of T-cell survival.
Gene ID:	12487
UniProt:	<a href="#">P31041</a>
Pathways:	<a href="#">TCR Signaling</a> , <a href="#">Fc-epsilon Receptor Signaling Pathway</a> , <a href="#">EGFR Signaling Pathway</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>

## Application Details

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Application Notes:	WB 1:300-5000 ELISA 1:500-1000 FCM 1:20-100 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

## Handling

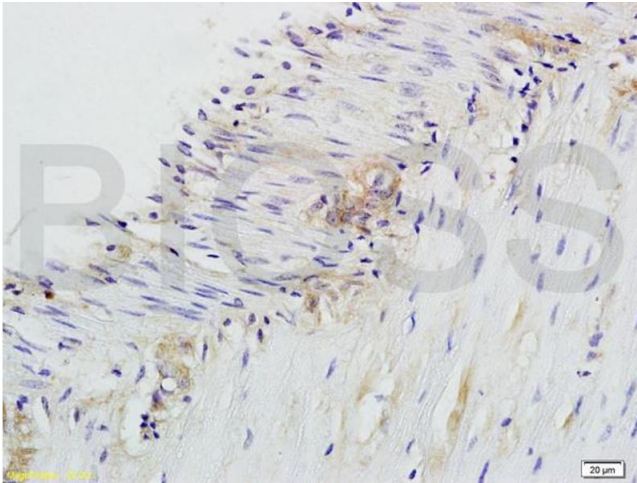
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Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

Product cited in:

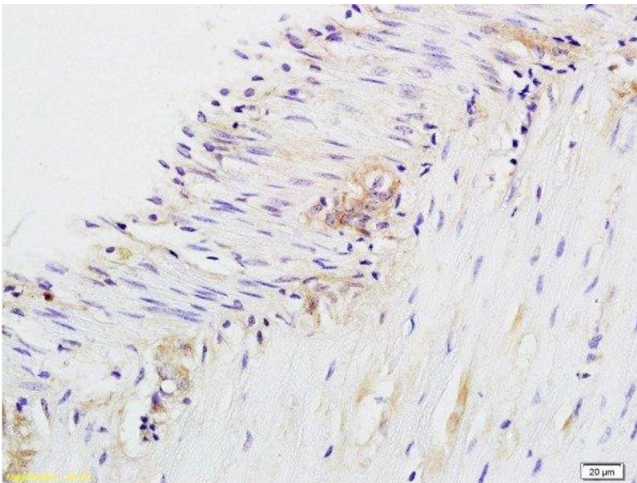
Liu, He, Chen, Ding, Geng, Wu, Liu, Wang: "Costimulatory molecule CD28 participates in the process of embryo implantation in mice." in: **Reproductive sciences (Thousand Oaks, Calif.)**, Vol. 21, Issue 6, pp. 686-95, (2014) ([PubMed](#)).

Images



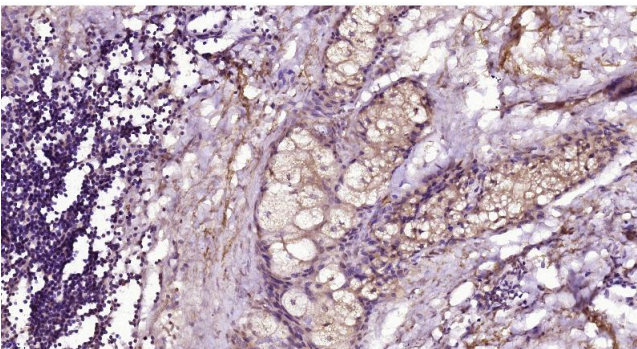
**Immunohistochemistry**

**Image 1.** Formalin-fixed and paraffin embedded rat colitis labeled with Anti-CD28 Polyclonal Antibody, Unconjugated (ABIN674604) at 1:200 followed by conjugation to the secondary antibody and DAB staining.



**Immunohistochemistry (Paraffin-embedded Sections)**

**Image 2.** Formalin-fixed and paraffin embedded rat colitis labeled with Anti-CD28 Polyclonal Antibody, Unconjugated at 1:200 followed by conjugation to the secondary antibody and DAB staining.



**Immunohistochemistry (Paraffin-embedded Sections)**

**Image 3.** Paraformaldehyde-fixed, paraffin embedded Human rectal cancer, Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30min, Antibody incubation with CD28 Polyclonal Antibody, Unconjugated (bs-1297R) at 1:400 overnight at 4°C, followed by a conjugated secondary antibody and DAB

staining.

Please check the [product details page](#) for more images. Overall 7 images are available for ABIN674604.