

## Anti-CD28 Polyclonal Antibody 4

## Product Details

|                   |                                      |
|-------------------|--------------------------------------|
| Ig Type:          | IgG                                  |
| Reactivity:       | Human (predicted:Dog,Horse,Rabbit)   |
| Molecular Weight: | Theoretical: 25 kDa. Actual: 60 kDa. |
| Purification:     | Protein A purified                   |

## Applications

1. Paraformaldehyde-fixed, paraffin embedded (human tonsil); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30 min; Incubation with (CD28 Rabbit pAb) Polyclonal Antibody, Unconjugated (TMAB-03932) at 1: 200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.

## Verified Activity:

2. Sample:

Lane 1: Recombinant human CD28 protein, C-hFc (HEK193)

Primary: Anti-CD28 (TMAB-03932) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 25 kDa

Observed band size: 60 kDa

Application: IHC-P,WB,IHC-Fr,IF

Recommended IHC-P: 1:100-500; WB: 1:500-2000; IHC-Fr: 1:100-500; IF: 1:100-500

## Properties

Stability & Storage: Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

## Antigen Details

|                  |   |
|------------------|---|
| Immunogen:       | Recombinant Protein: human CD28 protein |
| Antigen Species: | Human                                   |
| Gene ID:         | 940                                     |
| Uniprot ID:      | P10747                                  |

## Research Background

The protein encoded by this gene is essential for T-cell proliferation and survival, cytokine production, and T-helper type-2 development. Several alternatively spliced transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Jul 2011]

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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