

**CD3 epsilon polyclonal antibody**

Catalog: BZ16651

Host: Rabbit

Reactivity: Human

**BackGround:**

The CD3 complex mediates signal transduction. When T cells encounter antigens via the T cell receptor (TCR), information about the quantity and quality of antigens is relayed to the intracellular signal transduction machinery. This activation process depends mainly on CD3 (Cluster of Differentiation 3), a multiunit protein complex that directly associates with the TCR. CD3 is composed of four polypeptides:  $\zeta$ ,  $\gamma$ ,  $\epsilon$  and  $\delta$ .

**Product:**

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

**Molecular Weight:**

Calculated MW: 23 kDa; Observed MW: 23 kDa

**Swiss-Prot:**

P07766

**Purification&Purity:**

Affinity Purified

**Applications:**

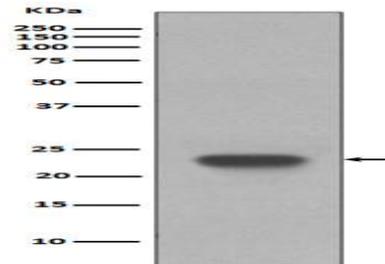
WB: 1/500-1/1000 IHC: 1/50-1/100 IP: 1/20 FC: 1/50-1/100

**Storage&Stability:**

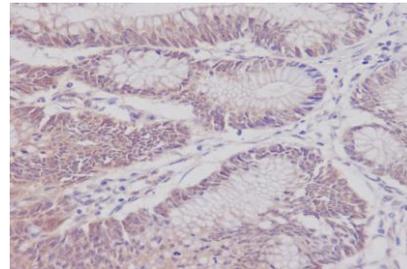
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

**Isotype:**

IgG

**DATA:**

Western blot analysis of CD3 epsilon in Jurkat lysates using CD3 epsilon antibody.



Immunohistochemistry analysis of paraffin-embedded Human colon cancer using CD3 epsilon antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

**Note:**

For research use only, not for use in diagnostic procedure.

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