**German Research Products - GRP GmbH** 

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## **Product Datasheet**

## **CD80 Polyclonal Antibody GRP464**

**Description** CD80 is a member of the Ig superfamily and serves as the ligand

for two T cell molecules, CD28 and CTLA4. Interactions between CD28 and CD80 on activated B cells result in enhanced T cell activation. CD80 is rapidly induced on the surface of in vitro activated B cells, Epstein Barr Virus (EBV) transformed B cell lines, Burkitts lymphoma cell lines, freshly isolated follicular B lymphoma cells, T cells, and monocytes. It is also expressed at high levels in dendritic cells. It reacts weakly with a small proportion of non activated normal B cells and with HTLV1 infected T cells. CD80 does not react with peripheral monocytes, resting and activated normal T cells, T cell lines and T cell clones,

nor with myelomonocytic cell lines.

Species/Host Rabbit

Reactivity Mouse, Rat

Conjugation Unconjugated

Tested Applications IHC-P, WB

Immunogen KLH conjugated synthetic peptide derived from rat CD80

(public\_immunogen\_range: 270-321/321)

Form/Appearance Aqueous buffered solution containing 1% BSA, 50% glycerol and

0.09% sodium azide.

Concentration 1ug/ul

Storage Store at -20°C for 12 months.

**Note** For research use only.

**Isotype** IgG

**Clonality** Polyclonal

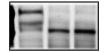
**Purity** Purified by Protein A.

Uniprot ID G3V671

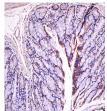
Entrez 25408

**Dilution Range** WB: 1:300-1000, IHC-P: 1:200-400

Rat skin



0 7 days
Wounding
WB of GRP464



IHC-P of GRP464