

## Allgemeine Informationen

**Katalog-Nr.:**  
13469-1-AP

**Größe:**  
150ul , Konzentration: 133 µg/ml von  
Nanodrop und 133 µg/ml durch die  
Bradford-Methode mit BSA als  
Standard;

**Wirt:**  
Kaninchen

**Isotyp:**  
IgG

**Immunogen Katalognummer:**  
AG4262

**GenBank-Zugangsnummer:**  
BC030227

**GeneID (NCBI):**  
971

**Vollständiger Name:**  
CD72 molecule

**Berechnete Masse:**  
359 aa, 40 kDa

**Beobachtete Masse:**  
40 kDa

**Reinigungsmethode:**

Antigen-Affinitätsreinigung

**Empfohlene Verdünnungen:**

WB 1:200-1:1000

## Anwendungen

**Geprüfte Anwendungen:**

WB, ELISA

**Getestete Reaktivität:**

Human, Maus

**Positivkontrollen:**

WB : Maushodengewebe,

## Hintergrundinformationen

CD72 is a type II transmembrane glycoprotein of 39-45 kDa and is expressed as a disulphide-linked homodimer (PMID: 1711157). CD72 is a pan B-cell marker covering the full range of differentiation from the very early stages of B cells to mature surface Ig+ B cells (PMID: 1384316). It is expressed in all stages of B cell development except plasma cells. CD72 is also expressed by dendritic cells, tissue macrophages in the red pulp of the spleen and von Kupffer cells in the liver (PMID: 8561576; 1384316). CD72 is the ligand for CD5 (PMID: 1711157). CD72 is a negative regulator of BCR signaling (PMID: 9590210). Interaction of CD100 with CD72 strictly tunes the strength of BCR signals and is essential for maintaining immunological homeostasis as well as generating a proper immune response (PMID: 16113236).

## Lagerung

**Lagerungsbedingungen:**

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

**Lagerungspuffer:**

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

**\*\*\* 20ul-Größen enthalten 0.1% BSA**

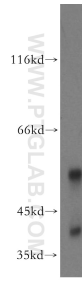
For technical support and original validation data for this product please contact:

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## Ausgewählte Validierungsdaten



mouse testis tissue were subjected to SDS PAGE followed by western blot with 13469-1-AP (CD72 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.