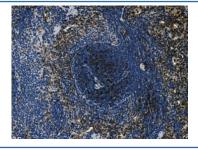


# Cd4 Antibody (RQ6834)

Catalog No.	Formulation	Size
RQ6834	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

#### **Bulk quote request**

Availability	1-3 business days
Species Reactivity	Rat
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	P05540
Applications	Immunohistochemistry (FFPE) : 2-5ug/ml Direct ELISA : 0.1-0.5ug/ml
Limitations	This Cd4 antibody is available for research use only.



IHC staining of FFPE rat spleen tissue with Cd4 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.

### **Description**

The CD4 antigen acts as a coreceptor with the T-cell receptor on the T lymphocyte to recognize antigens displayed by an antigen presenting cell in the context of class II MHC molecules.

## **Application Notes**

Optimal dilution of the Cd4 antibody should be determined by the researcher.

#### **Immunogen**

Recombinant rat protein (amino acids K28-A246) was used as the immunogen for the Cd4 antibody.

Storage

After reconstitution, the Cd4 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.