

For Research Use Only

# Anti-Human CD4 (SK3), PBS Only

Catalog Number: 65147-1-PBS



## Basic Information

<b>Catalog Number:</b> 65147-1-PBS	<b>GenBank Accession Number:</b> BC025782	<b>Purification Method:</b> Affinity purification
<b>Size:</b> 100ug, 1mg/ml	<b>GeneID (NCBI):</b> 920	<b>CloneNo.:</b> SK3
<b>Source:</b> Mouse	<b>ENSEMBL Gene ID:</b> ENSG00000010610	<b>Affinity:</b> $K_D = 8.82 \times 10^{-11}$
<b>Isotype:</b> IgG1, kappa	<b>Full Name:</b> CD4 molecule	$K_{off} = 2.00 \times 10^{-5}$
	<b>Calculated MW:</b> 55 kDa	$K_{on} = 2.26 \times 10^5$

## Applications

**Tested Applications:**  
Sandwich ELISA, Indirect ELISA

**Species Specificity:**  
Human

## Background Information

CD4 is a 55-kDa transmembrane glycoprotein expressed on T helper cells, majority of thymocytes, monocytes, macrophages, and dendritic cells (PMID: 9304802; 12213222). CD4 is an accessory protein for MHC class-II antigen/T-cell receptor interaction. It plays an important role in T helper cell development and activation (PMID: 9539765; 3112582). CD4 serves as a receptor for the human immunodeficiency virus (HIV) (PMID: 9304802).

## Storage

**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS Only

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

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## Selected Validation Data