

Recombinant Anti-CD4 antibody (Rabbit mAb)

GB15064 -20°C

Product Information	
Protein full name	T-cell surface glycoprotein CD4
Synonyms	CD4, CD4mut, CD4 molecule
Immunogen	KLH conjugated Synthetic peptide corresponding to Mouse CD4
Uniprot ID	P06332
Isotype	IgG
Purity	Affinity purification
Subcellular location	Cell membrane
Predicted MW. / Observed MW.	55 kDa / 55 kDa

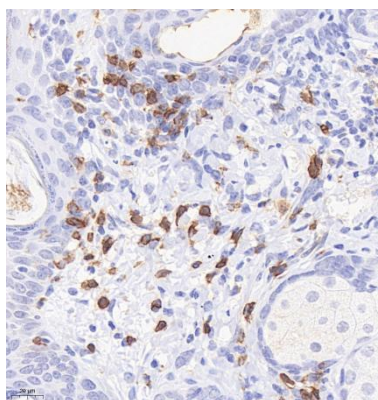
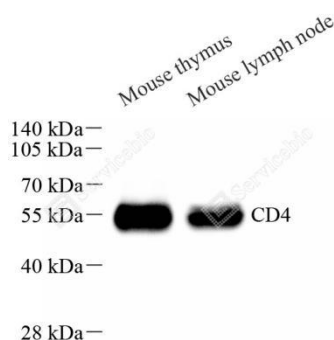
Applications			
WB	Mouse	1: 500-1: 1000	thymus, lymph Node
IHC/IF	Mouse	1: 200-1: 600	acute lung injury, lewis lung cancer ectopic subcutaneous tumor, inflamed skin, spleen

Storage	
Storage	Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Storage Buffer	PBS with 0.02% sodium azide, 100 µg/mL BSA and 50% glycerol.

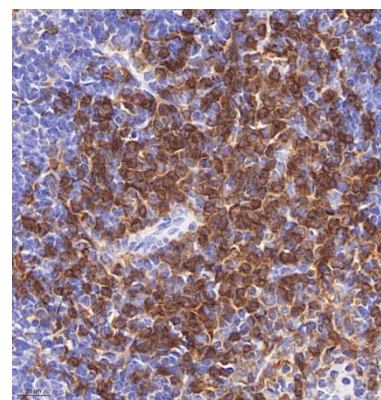
Background

This gene encodes a membrane glycoprotein of T lymphocytes that interacts with major histocompatibility complex class II antigens and is also a receptor for the human immunodeficiency virus. This gene is expressed not only in T lymphocytes, but also in B cells, macrophages, and granulocytes. It is also expressed in specific regions of the brain. The protein functions to initiate or augment the early phase of T-cell activation, and may function as an important mediator of indirect neuronal damage in infectious and immune-mediated diseases of the central nervous system. Multiple alternatively spliced transcript variants encoding different isoforms have been identified in this gene.

Images



Immunohistochemistry analysis of paraffin embedded mouse inflamed skin using CD4 (GB15064) at dilution of 1: 400



Immunohistochemistry analysis of paraffin embedded mouse spleen using CD4 (GB15064) at dilution of 1: 200

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