

bsm-30152A

[Primary Antibody]

mouse CD4 Rat mAb



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— DATASHEET —

Host: Rat

Isotype: Rat IgG2b, k

Applications: Flow-Cyt (1:50-100)

Clonality: Monoclonal

CloneNo.: 6D2

Reactivity: Mouse

Target: mouse CD4

Purification: affinity purified by Protein G

Storage: 0.01M TBS (pH7.4).

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Predicted MW.: 48 kDa

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. [provided by RefSeq, Aug 2010].

Subcellular Location: Cell membrane