

Reference Protocols

Irreproducibility of results is a major issue in the scientific community. Numerous factors influencing the failure to reproduce other's experiments have been identified. One issue is the lack of original protocols.

We strive for maximum transparency. Therefore we provide a Reference Protocol for every HistoSure product application we tested in-house. However, to achieve the highest specific signal and lowest non-specific background signal, customers may adapt experimental conditions individually. Please also refer to our IHC-P Guidelines about [antigen retrieval](#), [primary antibody incubation](#) and [detection techniques](#) and to our general protocols on the [Synaptic Systems main page](#).

product ID or protein name Application(s) Reactivity Species(All) Host Species(All) Search

Home > Products > HS-360 117

CD 4 - HS-360 117

AT-cell surface glycoprotein
Monoclonal rat purified IgG

Cat. No. HS- 200 µl purified IgG, lyophilized. Albumin and azide were added for stabilization. For reconstitution add 200 µl H₂O. Then aliquot and store at -20°C until use.

Applications WB: 1 : 1000 [gallery](#)
IHC: 1 : 100 (see remarks) [gallery](#)
IHC-P/IF/IFPE: 1 : 100 [gallery](#)

Clone 7B9D2

Subtype IgG2b (κ light chain)

Immunogen Recombinant protein corresponding to AA 27 to 364 from mouse CD4 (UniProt ID: P06332)

Reactivity Reacts with: mouse (P06332).
No signal: human (P01730).
Other species not tested yet.

Specificity Specific for CD 4

Remarks IHC: Heat-mediated antigen retrieval (in citrate buffer pH 6) is required for immunohistochemical stainings.

Data sheet [hs-360_117.pdf](#)

Cat. No.: HS-360 117
Quantity: 200 µl
Price: \$415.- [Add to Cart](#)

Indirect immunostaining of formalin-fixed paraffin-embedded mouse spleen section with monoclonal rat anti-CD4 (cat. no. HS-360 117, red) and rabbit polyclonal (cat. no. HS-413 103, green) demonstrating the co-localization in CD4+ T-cells (overlay: yellow). Nuclei have been visualized by DAPI staining (blue).

WB IHC IHC-P IHC-P
IHC-P IHC-P IHC-P IHC-P

Background

Protocols

- IHC-P
 - IHC-P Anti CD4
- WB
 - WB Anti CD4
- IHC
 - IHC Anti CD4

[Other products for this target](#)

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Reference protocols for HistoSure products can be downloaded as PDF-document from the product pages respectively.