

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(All) Reactivity Species(All) Host Species(All) Search

Home > Products > HS-360 117

CD 4 - HS-360 117
 A T-cell surface glycoprotein
 Monoclonal rat purified IgG

Cat. No. HS-360 117
 Quantity: 200 µl
 Price: \$415,-

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

Clone
 7B9D2

Subtype
 IgG2b (κ light chain)

Immunogen
 Recombinant protein corresponding to AA 27 to 394 from mouse CD4 (UniProt ID: P06332)

Reactivity
 Reacts with: mouse (P06332),
 No signal: human (P01733),
 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](#)

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.