Product datasheet MON240154

Rabbit anti-CD3e antibody, clone SQab1860 (monoclonal)

Clone no. SQab1860

MONOSAN

Product name	Rabbit anti-CD3e antibody, clone SQab1860 (monoclonal)
Host	Rabbit
Applications	FC, IHC-P, WB
Species reactivity	Human, Mouse
Conjugate	-
Immunogen	Synthetic peptide around the C-terminus of CD3e.
Isotype	-
Clonality	Monoclonal
Clone number	SQab1860
Size	100 ul
Concentration	n/a
Format	Purification with Protein A.
Storage buffer	PBS, 0.01% Sodium azide, 40% Glycerol and 0.05% BSA.
Storage until expiry date	-20°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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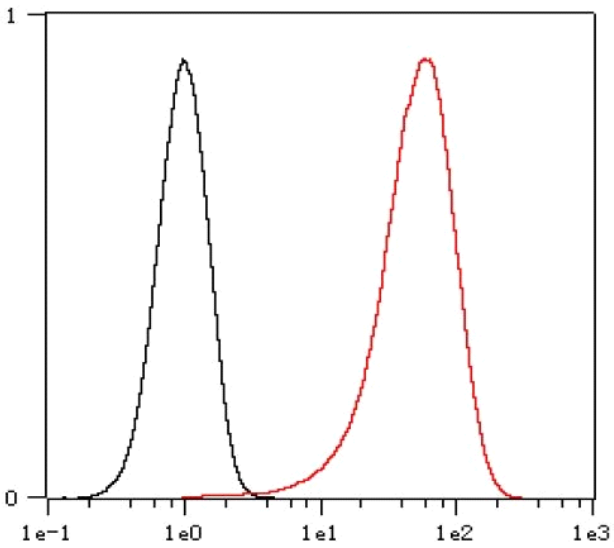
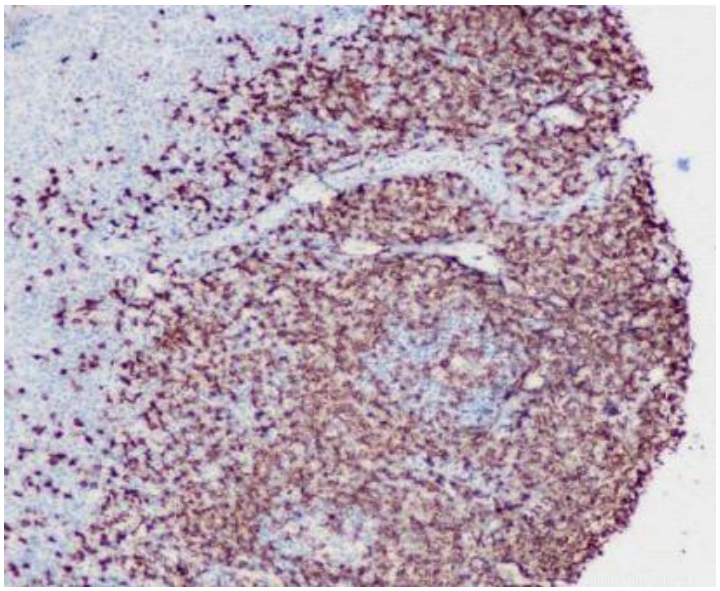
Additional info

Application note: IHC-P: Antigen Retrieval: Heat mediated tissue section in Tris/EDTA buffer (pH 9.0).* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.Storage instruction: For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.Background: CD3 subunit complex is crucial in transducing antigen-recognition signals into the cytoplasm of T cells and in regulating the cell surface expression of the TCR complex. T cell activation through the antigen receptor (TCR) involves the cytoplasmic tails of the CD3 subunits CD3 gamma, CD3 delta, CD3 epsilon and CD3 zeta. These CD3 subunits are structurally related members of the immunoglobulins superfamily encoded by closely linked genes on human chromosome 11. The CD3 components have long cytoplasmic tails that associate with cytoplasmic signal transduction molecules. This association is mediated at least in part by a double tyrosine-based motif present in a single copy in the CD3 subunits. CD3 may play a role in TCR-induced growth arrest, cell survival and proliferation.

Images



Flow Cytometry: Raji cells were fixed with 4% paraformaldehyde (10 min) and then permeabilized with 0.1% TritonX-100 for 15 min. The cells were then stained with anti-CD3e antibody [SQab1860] (red) at 1:10 in 1x PBS/1% BSA for 30 min at 4°C, followed by Alexa Fluor®



Immunohistochemistry: Formalin-fixed and paraffin-embedded Human tonsil tissue stained with anti-CD3e antibody [SQab1860] at 1:200 dilution. Antigen Retrieval: Heat mediated tissue section in Tris/EDTA buffer (pH 9.0).

References

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