

CD3 epsilon antibody [HL5848]

Cat. No. GTX647166

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P
Reactivity	Human, Mouse, Rat

Package
100 µl, 25 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	Assay dependent
IHC-P	Assay dependent

Not tested in other applications.

Observed MW (kDa) 23 kDa.

Product Note This antibody was raised against human CD3 epsilon Intracellular domain.

Properties

Form	Liquid
Buffer	PBS
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Synthetic peptide encompassing a sequence within the Intracellular domain of human CD3 epsilon. The exact sequence is proprietary.
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated



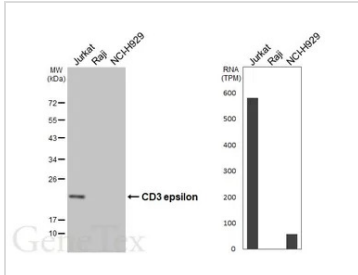
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For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

Note

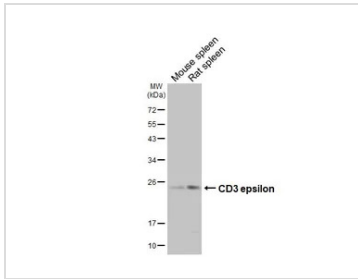
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DATA IMAGES



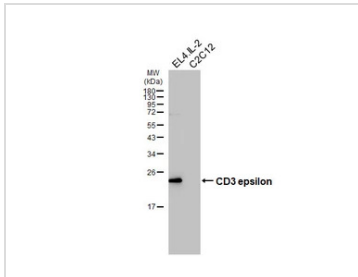
GTX647166 WB Image

Various whole cell extracts (30 µg) were separated by 12% SDS-PAGE, and the membrane was blotted with CD3 epsilon antibody [HL5848] (GTX647166) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody. Corresponding RNA expression data are based on Human Protein Atlas program.



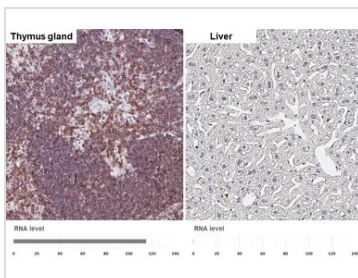
GTX647166 WB Image

Various tissue extracts (50 µg) were separated by 12% SDS-PAGE, and the membrane was blotted with CD3 epsilon antibody [HL5848] (GTX647166) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody, and the signal was developed with Trident femto Western HRP Substrate.



GTX647166 WB Image

Various whole cell extracts (30 µg) were separated by 12% SDS-PAGE, and the membrane was blotted with CD3 epsilon antibody [HL5848] (GTX647166) diluted at 1:410. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



GTX647166 IHC-P Image

CD3 epsilon antibody [HL5848] detects CD3 epsilon protein by immunohistochemical analysis.

Sample: Paraffin-embedded mouse tissues.

CD3 epsilon stained by CD3 epsilon antibody [HL5848] (GTX647166) diluted at 1:200.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min

Corresponding RNA levels (RPKM) in the tissues are based on NCBI database.



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