

CD45 antibody [HL5393]

Cat. No. GTX645961

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

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)	180-250 kDa.
Product Note	This antibody was raised against human CD45 Extracellular 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 Extracellular domain of human CD45. The exact sequence is proprietary.
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated

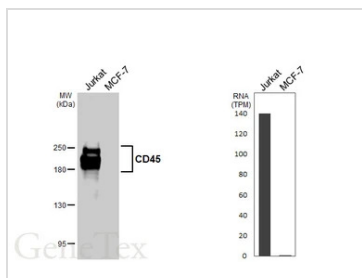


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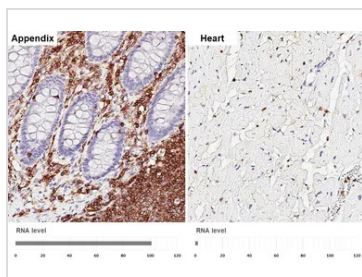
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Note

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES

GTX645961 WB Image

Various whole cell extracts (30 µg) were separated by 5% SDS-PAGE, and the membrane was blotted with CD45 antibody [HL5393] (GTX645961) 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.


GTX645961 IHC-P Image

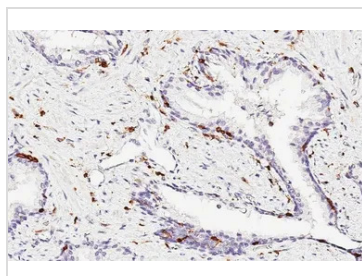
CD45 antibody [HL5393] detects CD45 protein by immunohistochemical analysis.

Sample: Paraffin-embedded human tissues.

CD45 stained by CD45 antibody [HL5393] (GTX645961) diluted at 1:2500.

Antigen Retrieval: Tris-EDTA buffer, pH 9.0, 15 min

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

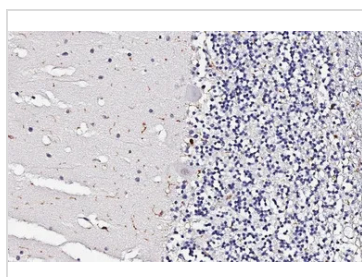

GTX645961 IHC-P Image

CD45 antibody [HL5393] detects CD45 protein by immunohistochemical analysis.

Sample: Paraffin-embedded human prostate.

CD45 stained by CD45 antibody [HL5393] (GTX645961) diluted at 1:2500.

Antigen Retrieval: Tris-EDTA buffer, pH 9.0, 15 min


GTX645961 IHC-P Image

CD45 antibody [HL5393] detects CD45 protein by immunohistochemical analysis.

Sample: Paraffin-embedded human cerebellum.

CD45 stained by CD45 antibody [HL5393] (GTX645961) diluted at 1:200.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



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