

# CD79a antibody [HL5600]

**Cat. No. GTX646282**

|                     |                        |
|---------------------|------------------------|
| <b>Host</b>         | Rabbit                 |
| <b>Clonality</b>    | Monoclonal             |
| <b>Isotype</b>      | IgG                    |
| <b>Applications</b> | WB, ICC/IF, IHC-P, FCM |
| <b>Reactivity</b>   | 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      |
| FCM                | Assay dependent      |

**Note :** The FcR Blocking Reagent is recommended for use prior to the addition of the researcher's antibody to samples that contain human Fc receptor-expressing cells.

**Permeabilization :** 0.1% saponin

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Not tested in other applications.

**Observed MW (kDa)** 25 (de-glycosylated form), 40-60 (glycosylated form) kDa.

**Product Note** This antibody is able to detect both glycosylated form (40-60kDa) and de-glycosylated form (25kDa). This antibody was raised against human CD79a Extracellular domain.

## Properties

|                      |                                                                                                                                                                                                                            |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Form</b>          | Liquid                                                                                                                                                                                                                     |
| <b>Buffer</b>        | PBS                                                                                                                                                                                                                        |
| <b>Preservative</b>  | No preservatives                                                                                                                                                                                                           |
| <b>Storage</b>       | 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. |
| <b>Concentration</b> | 1 mg/ml (Please refer to the vial label for the specific concentration.)                                                                                                                                                   |
| <b>Immunogen</b>     | Synthetic peptide encompassing a sequence within the Extracellular domain of human CD79a. The exact sequence is proprietary.                                                                                               |



For full product information, images and publications, please visit our [website](#).

**Purification**

Affinity purified by Protein A.

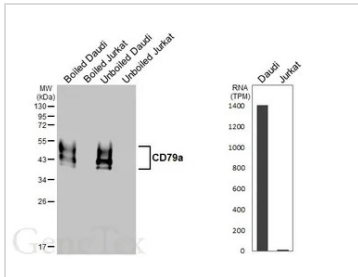
**Conjugation**

Unconjugated

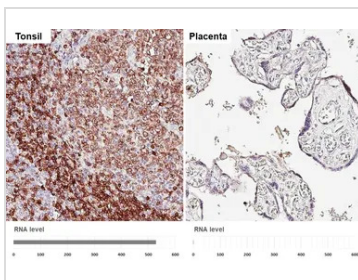
**Note**

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

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**

**GTX646282 WB Image**

Boiled and unboiled various whole cell extracts (30 µg) were separated by 12% SDS-PAGE, and the membrane was blotted with CD79a antibody [HL5600] (GTX646282) 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. Corresponding RNA expression data are based on Human Protein Atlas program.


**GTX646282 IHC-P Image**

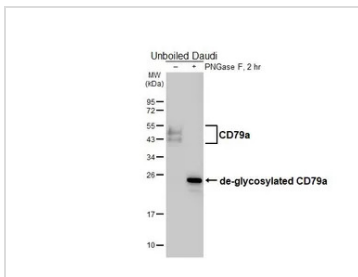
CD79a antibody [HL5600] detects CD79a protein by immunohistochemical analysis.

Sample: Paraffin-embedded human tissues.

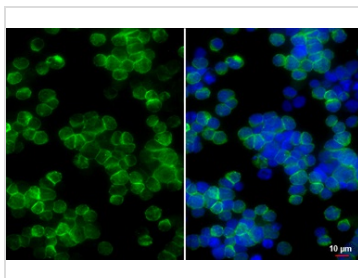
CD79a stained by CD79a antibody [HL5600] (GTX646282) diluted at 1:2500.

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

Corresponding RNA levels (nTPM) in the tissues are based on Human Protein Atlas program.


**GTX646282 WB Image**

Untreated (-) and treated (+) unboiled Daudi whole cell extracts (30 µg) were separated by 12% SDS-PAGE, and the membrane was blotted with CD79a antibody [HL5600] (GTX646282) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.


**GTX646282 ICC/IF Image**

CD79a antibody [HL5600] detects CD79a protein by immunofluorescent analysis.

Sample: Daudi cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: CD79a stained by CD79a antibody [HL5600] (GTX646282) diluted at 1:100.

Blue: Fluoroshield™ with DAPI (GTX30920).



For full product information, images and publications, please visit our [website](https://www.genetex.com).