

## Anti-HLA-DPB1 antibody (40-100) (STJ119591)

### GENERAL INFORMATION

|               |                       |
|---------------|-----------------------|
| Product Type  | Primary antibodies    |
| Applications  | WB/IHC-P/IF/ICC/ELISA |
| Host / Source | Rabbit                |
| Reactivity    | Human/Mouse/Rat       |

### PRODUCT PROPERTIES

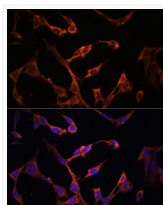
|                     |                                                                                                                                                                                                 |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Clonality           | Polyclonal                                                                                                                                                                                      |
| Concentration       | Lot specific                                                                                                                                                                                    |
| Conjugation         | Unconjugated                                                                                                                                                                                    |
| Purification        | Affinity purification                                                                                                                                                                           |
| Dilution Range      | WB:1:500-1:1000<br>IHC-P:1:50-1:200<br>IF/ICC:1:50-1:200<br>ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements. |
| Formulation         | PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.                                                                                                                                                |
| Isotype             | IgG                                                                                                                                                                                             |
| Molecular Weight    | Protein Mw: 29kDa<br>Observed Mw: 25-35kDa                                                                                                                                                      |
| Storage Instruction | Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.                                                                                                  |

### TARGET INFORMATION

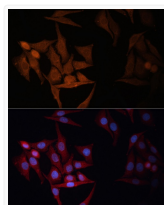
|                    |                                                                                                            |
|--------------------|------------------------------------------------------------------------------------------------------------|
| Gene ID            | <a href="#">3115</a>                                                                                       |
| Gene Symbol        | <a href="#">HLA-DPB1</a>                                                                                   |
| UniProt ID         | <a href="#">DPB1_HUMAN</a>                                                                                 |
| Immunogen Region   | 40-100                                                                                                     |
| Immunogen Sequence | GRQCYAFNGTQRFLEYYIY NREEFARFSDVGEFRAVTE LGRPAAEYWNSQKDILEEKR A                                             |
| Specificity        | A synthetic peptide corresponding to a sequence within amino acids 40-100 of human HLA-DPB1 (NP_002112.3). |

### ADDITIONAL INFORMATION

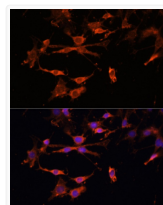
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



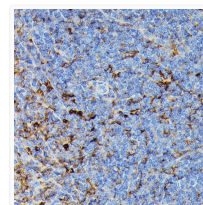
Immunofluorescence analysis of NIH/3T3 cells using HLA-DPB1 Rabbit polyclonal antibody (STJ119591) at dilution of 1:100. Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



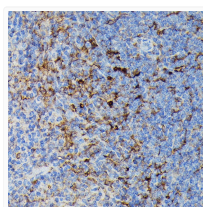
Immunofluorescence analysis of HeLa cells using HLA-DPB1 Rabbit polyclonal antibody (STJ119591) at dilution of 1:100. Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



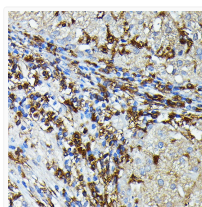
Immunofluorescence analysis of C6 cells using HLA-DPB1 Rabbit polyclonal antibody (STJ119591) at dilution of 1:100. Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



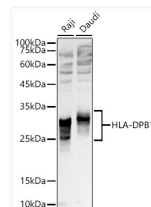
Immunohistochemistry analysis of HLA-DPB1 in paraffin-embedded Rat spleen using HLA-DPB1 Rabbit polyclonal antibody (STJ119591) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of HLA-DPB1 in paraffin-embedded Mouse spleen using HLA-DPB1 Rabbit polyclonal antibody (STJ119591) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of HLA-DPB1 in paraffin-embedded Human liver cancer using HLA-DPB1 Rabbit polyclonal antibody (STJ119591) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.



Western blot analysis of various lysates using HLA-DPB1 Rabbit polyclonal antibody (STJ119591) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.