**Product datasheet**

**Anti-HLA B27 antibody ab93150**

1 References  1 Image

**Overview**

**Product name**  Anti-HLA B27 antibody  
**Description**  Rabbit polyclonal to HLA B27  
**Host species**  Rabbit  
**Tested applications**  Suitable for: WB, ELISA  
**Species reactivity**  Reacts with: Human  
**Immunogen**  KLH conjugated synthetic peptide from the N-terminal region of human HLA B27 (NP_005505.2).  
**Positive control**  A2058 and A375 cell line lysates  

**Properties**

**Form**  Liquid  
**Storage instructions**  Shipped at 4°C. Store at 4°C (up to 6 months). Store at -20°C long term.  
**Storage buffer**  Preservative: 0.09% Sodium azide  
  Constituent: PBS  
**Purity**  Immunogen affinity purified  
**Clonality**  Polyclonal  
**Isotype**  IgG  

**Applications**

Our *Abpromise guarantee* covers the use of *ab93150* in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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**Application notes**  
ELISA: 1/1000.  
WB: 1/100 - 1/500. Predicted molecular weight: 40 kDa.
Not yet tested in other applications. Optimal dilutions/concentrations should be determined by the end user.

Target

Relevance: Involved in the presentation of foreign antigens to the immune system. HLA B belongs to the HLA class I heavy chain paralogues. This class I molecule is a heterodimer consisting of a heavy chain and a light chain (beta 2 microglobulin). The heavy chain is anchored in the membrane. Class I molecules play a central role in the immune system by presenting peptides derived from the endoplasmic reticulum lumen. They are expressed in nearly all cells.

Cellular localization: Single-pass type 1 membrane protein

Images

All lanes: Anti-HLA B27 antibody (ab93150) at 1/100 dilution

Lane 1: A2058 cell line lysate
Lane 2: A375 cell line lysate

Lysates/proteins at 12.5 µg per lane.

Predicted band size: 40 kDa

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