**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.

<table>
<thead>
<tr>
<th>Application</th>
<th>Abreviews</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>WB</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ELISA</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**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

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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