**Product datasheet**

**Anti-Alkaline Phosphatase antibody ab354**

★★★★★ 2 Abreviews  4 References  2 Images

### Overview

**Product name**
Anti-Alkaline Phosphatase antibody

**Description**
Rabbit polyclonal to Alkaline Phosphatase

**Host species**
Rabbit

**Specificity**
Assay by immunoelectrophoresis resulted in a single precipitin arc against purified and partially purified Alkaline Phosphatase [E.coli].

**Tested applications**
Suitable for: WB, IP, ELISA

**Species reactivity**
Reacts with: Escherichia coli
Does not react with: Mammals

**Immunogen**
Full length protein (E. coli).

### Properties

**Form**
Liquid

**Storage instructions**
Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

**Storage buffer**
pH: 7.20
Preservative: 0.01% Sodium azide
Constituents: 0.42% Potassium phosphate, 0.87% Sodium chloride

**Purity**
Whole antiserum

**Purification notes**
This product was prepared from monospecific antiserum by a delipidation and defibrination.

**Clonality**
Polyclonal

**Isotype**
IgG

### Applications

Our Abpromise guarantee covers the use of ab354 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>
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</thead>
<tbody>
<tr>
<td>WB</td>
<td>★★★★★</td>
<td>1/8000 - 1/40000.</td>
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</table>
Sequence similarities
Belongs to the alkaline phosphatase family.

Cellular localization
Cell membrane.

Table

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<tr>
<td>IP</td>
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<td>Use at an assay dependent dilution.</td>
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<tr>
<td>ELISA</td>
<td>⭐⭐⭐⭐⭐</td>
<td>1/8000 - 1/40000.</td>
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Target

Images

Ab354 staining Alkaline Phosphatase in E.coli recombinant protein Mach1 by indirect ELISA. Samples were blocked with 5%milk for 3 hours at room temperature and incubated with primary antibody (1/15000 in TBST + 5% Milk) for 90 minutes. An HRP-conjugated goat polyclonal to Rabbit IgG (1/30000) was used as secondary antibody.

All lanes: Anti-Alkaline Phosphatase antibody (ab354) at 1/8000 dilution

All lanes: Escherichia coli Recombinant protein (Mach1)

Lysates/proteins at 0.5 µg per lane.

Secondary

All lanes: An HRP-conjugated anti-rabbit IgG (whole molecule) at 1/16000 dilution

Developed using the ECL technique.

Observed band size: 90 kDa

why is the actual band size different from the predicted?
**Exposure time:** 2 seconds

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

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