

Datasheet for ABIN7426181
anti-ALPL antibody (AA 18-335)

2 Images

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Overview

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|----------------------|--|
| Quantity: | 100 µL |
| Target: | ALPL |
| Binding Specificity: | AA 18-335 |
| Reactivity: | Human |
| Host: | Mouse |
| Clonality: | Monoclonal |
| Conjugate: | This ALPL antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC) |

Product Details

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|---------------|---|
| Purpose: | Monoclonal Antibody to Alkaline Phosphatase, Tissue-nonspecific (ALPL) |
| Immunogen: | Recombinant Alkaline Phosphatase, Tissue-nonspecific (ALPL) corresponding to Leu18~Arg335 with N-terminal His Tag |
| Clone: | C3 |
| Isotype: | IgG1 kappa |
| Specificity: | The antibody is a mouse monoclonal antibody raised against ALPL. It has been selected for its ability to recognize ALPL in immunohistochemical staining and western blotting. |
| Purification: | Protein A + Protein G affinity chromatography |

Target Details

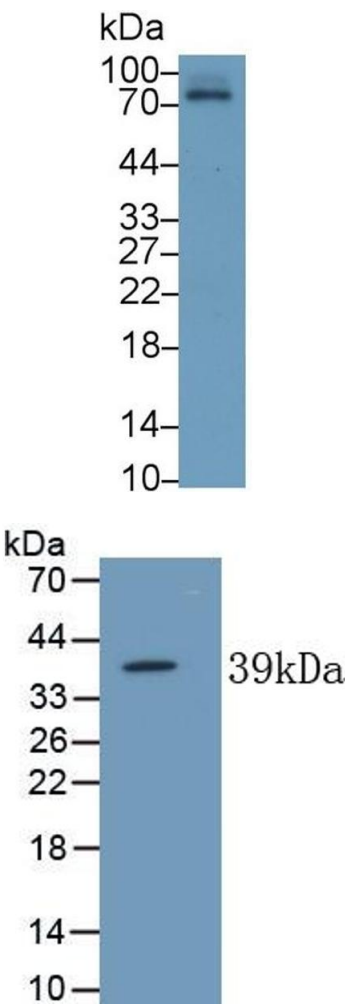
| | |
|-------------------|---|
| Target: | ALPL |
| Alternative Name: | Alkaline Phosphatase, Tissue-nonspecific (ALPL Products) |
| Background: | BALP, BSAP, HOPS, AP-TNAP, TNSALP, Bone Alkaline Phosphatase, Alkaline Phosphatase, Tissue-Nonspecific Isozyme, Alkaline Phosphatase, Liver/Bone/Kidney |

Application Details

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|--------------------|---|
| Application Notes: | Western blotting: 0.5-2 µg/mL 1:500-2000 Immunohistochemistry: 5-20 µg/mL 1:50-200 Immunocytochemistry: 5-20 µg/mL 1:50-200 Optimal working dilutions must be determined by end user. |
| Comment: | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |
| Restrictions: | For Research Use only |

Handling

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|--------------------|---|
| Format: | Liquid |
| Buffer: | PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | 4 °C, -20 °C |
| Storage Comment: | Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles. |
| Expiry Date: | 24 months |



Western Blotting

Image 1. Detection of ALPL in Porcine Liver lysate using Monoclonal Antibody to Alkaline Phosphatase, Tissue-nonspecific (ALPL)

Western Blotting

Image 2. Detection of Recombinant ALPL, Human using Monoclonal Antibody to Alkaline Phosphatase, Tissue-nonspecific (ALPL)