

Datasheet: 0300-0430

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| Description: | MOUSE ANTI HUMAN ALKALINE PHOSPHATASE |
| Specificity: | ALKALINE PHOSPHATASE (BAP/LAP SPECIFIC) |
| Other names: | AP |
| Format: | Purified |
| Product Type: | Monoclonal Antibody |
| Clone: | KF44 (BGN/03/66) |
| Isotype: | IgG3 |
| Quantity: | 0.2 mg |

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

| | Yes | No | Not Determined | Suggested Dilution |
|----------------------------|-----|----|----------------|--------------------|
| Immunohistology - Frozen | | | ■ | |
| Immunohistology - Paraffin | ■ | | | 1/25 - 1/100 |
| ELISA | ■ | | | |
| Western Blotting | | | ■ | |

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using the appropriate negative/positive controls.

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| Target Species | Human |
| Product Form | Purified IgG - liquid |
| Preparation | Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant |
| Buffer Solution | Phosphate buffered saline |
| Preservative Stabilisers | 0.09% Sodium Azide (NaN ₃) |
| Carrier Free | Yes |
| Approx. Protein Concentrations | IgG concentration 1.0mg/ml |
| Immunogen | Human bone alkaline phosphatase. |
| External Database Links | UniProt: |

[P05186](#) [Related reagents](#)

Entrez Gene:

[249](#) ALPL [Related reagents](#)

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| Specificity | Mouse anti Human Alkaline Phosphatase antibody, clone KF44 recognizes bone and liver alkaline phosphatase, a hydrolase enzyme responsible for dephosphorylation of many types of molecules. |
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| Histology Positive Control Tissue | Human Liver |
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| Storage | Store at +4°C or at -20°C if preferred. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. |
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| Shelf Life | 18 months from date of despatch. |
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| Health And Safety Information | Material Safety Datasheet documentation #10040 available at: 10040: https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf |
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| Regulatory | For research purposes only |
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Related Products

Recommended Secondary Antibodies

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|---|---|
| Goat Anti Mouse IgG (STAR76...) | RPE |
| Goat Anti Mouse IgG IgA IgM (STAR87...) | Alk. Phos. , HRP |
| Goat Anti Mouse IgG (H/L) (STAR117...) | Alk. Phos. , DyLight®488 , DyLight®549 , DyLight®649 , DyLight®680 , DyLight®800 , FITC , HRP |
| Rabbit Anti Mouse IgG (STAR9...) | FITC |
| Goat Anti Mouse IgG (STAR77...) | HRP |
| Rabbit Anti Mouse IgG (STAR12...) | RPE |
| Goat Anti Mouse IgG (Fc) (STAR120...) | FITC , HRP |
| Rabbit Anti Mouse IgG (STAR8...) | DyLight®800 |
| Goat Anti Mouse IgG (STAR70...) | FITC |
| Rabbit Anti Mouse IgG (STAR13...) | HRP |
| Human Anti Mouse IgG3 (HCA039...) | FITC , HRP , RPE |

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