

Product Specification Sheet

Product: Protein A Purified Murine Monoclonal Anti-Albumin

Code: 200-301-033

Lot #: 10025

Size: 0.5 mg

Clone: 11A1

Isotype: IgG_{2a}

Physical State: Liquid (sterile filtered)

Antibody Concentration: 1.0 mg/ml (by UV absorbance at 280 nm)

Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2

Stabilizer: None

Preservative: 0.02% (w/v) Sodium Azide

Storage Conditions: Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use. Expiration date is one (1) year from date of opening.

Application Note(s): This protein A purified monoclonal antibody against albumin has been tested for use in immunoblotting and ELISA. The antibody may be suitable for other applications, although no supporting data is available.

Recommended Dilutions: This product was assayed by ELISA against human and bovine serum albumin. A 1:2,000 to 1:20,000 is recommended for this assay. Researchers should determine optimal titers for other applications.

Purity and Specificity: This protein A purified mouse monoclonal antibody reacts with both bovine and human serum albumin. The antibody recognizes a 66 kDa band corresponding to an albumin monomer. No reactivity is detected by ELISA against ovalbumin.

Immunogen: This protein A purified monoclonal antibody was produced after repeated immunizations of balb/c mice with bovine serum albumin.

Hybridoma: Produced by the fusion between mouse splenocytes and mouse myeloma SP2/0 cells using conventional hybridoma technology.

Note: This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information.