



Antibody Specification Sheet

Anti-Human Inosine Monophosphate Dehydrogenase (hIMPDH) - Purified

Catalog reference: AS37-P

Size: 0.1 mg



Antibody Information:

Antigen: recombinant human inosine mono-phosphate dehydrogenase (IMPDH) type 1 (E.C.1.1.1.205).

Ig Class: mIgG2a.

Form: purified.

Specificity: recognizes IMPDH types 1 & 2.

Antibody Source: monoclonal antibody from BALB/c-derived hybridoma IMPDH1-H11.

Production: *in vitro* cell culture.

Purification: Protein A agarose chromatography.

Purity: ≥95%.

Formulation: provided as a 0.2µm sterile-filtered solution

in Ca⁺⁺ & Mg⁺⁺ free Dulbecco's PBS with 0.05% sodium azide.

Concentration: 1 mg/ml.

Recommendations: Immunoprecipitation and Western Blot.

Storage conditions: store undiluted at 4 °C or in aliquots at ≤ -20 °C.

Applications:

Immunoprecipitation: This antibody has been used to immunoprecipitate > 51% type 1 and > 87% type 2 in solution using a double-antibody method. (Midgley, AR and Hepburn, MR, *Methods Enzymol.*, 70, 266, 1980).

Western Blot: This antibody has been used at a range from 1 to 5 µg/ml with appropriate secondary reagents to visualize IMPDH type 1 and type 2 at a similar intensity.

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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