



Antibody Specification Sheet

Anti-Human Inosine Monophosphate Dehydrogenase-II (hIMPDH-II) - Purified

Catalog reference: AS39-P

Size: 0.1 mg



Antibody Information:

Antigen: recombinant human inosine mono-phosphate dehydrogenase type 2 (IMPDH2).

Ig Class: mIgG1.

Form: purified.

Specificity: recognizes only IMPDH 2.

Antibody Source: mono-clonal antibody from BALB/c-

derived hybridoma IMPDH2-H3.

Production: *in vitro* cell culture.

Purification: Protein A agarose chromatography.

Purity: ≥95%.

Formulation: provided as a 0.2 µm 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 > 52% IMPDH2 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 IMPDH2 expressed in HeLa cells.

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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