



## 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<sup>++</sup> & Mg<sup>++</sup> 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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