

HPRT (1F8D) Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 252641

Unit: 0.1 ml

Description:

HPRT1 (Hypoxanthine phosphoribosyltransferase 1) enzyme recycles purines in cells. HPRT1 also plays a crucial role in uric acid synthesis and purine metabolism. This enzyme catalyzes the conversion of hypoxanthine and guanine to inosine monophosphate (IMP) and guanosine monophosphate (GMP) and uses phosphoribosylpyrophosphate (PRPP) as a cosubstrate and as a source of energy. This pathway is also known as the purine salvage pathway because it allows cells to reuse purine compounds to build DNA and RNA.

Isotype: Mouse IgG2b

Applications: WB

Species Reactivity: H

Format: Each vial contains 0.1 ml ascitic fluid with 0.03% sodium azide.

Alternate Names: Hypoxanthine-guanine phosphoribosyltransferase; HGPRT; HGPRTase; HPRT1

Accession No.: P00492

Antigen: Purified recombinant fragment of HPRT expressed in *E. coli*.

Application Notes: WB: 1:500-1:2000

Storage: Store at 4°C for short term use only. Store at -20°C for storage over 1 month. Product is guaranteed 6 months from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.