

## HPRT Monoclonal Antibody

### Description

|                                |   |
|--------------------------------|---|
| <b>Product type</b>            | Primary Antibody  |
| <b>Code</b>                    | BT-MCA0734  |
| <b>Host</b>                    | Mouse   |
| <b>Isotype</b>                 | IgG   |
| <b>Size</b>                    | 50ul, 100ul   |
| <b>Immunogen</b>               | Purified recombinant fragment of HPRT expressed in E. Coli.                 |
| <b>Mol wt</b>                  | N/A   |
| <b>Species reactivity</b>      | Human   |
| <b>Clonality</b>               | Monoclonal  |
| <b>Recommended application</b> | WB, ELISA   |
| <b>Concentration</b>           | 1 mg/ml   |
| <b>Full name</b>               | Hypoxanthine-guanine phosphoribosyltransferase                              |
| <b>Synonyms</b>                | HPRT1; HPRT; Hypoxanthine-guanine phosphoribosyltransferase; HGPRT; HGPRase |

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

### Background

The protein encoded by this gene is a transferase, which catalyzes conversion of hypoxanthine to inosine monophosphate and guanine to guanosine monophosphate via transfer of the 5-phosphoribosyl group from 5-phosphoribosyl 1-pyrophosphate. This enzyme plays a central role in the generation of purine nucleotides through the purine salvage pathway. Mutations in this gene result in Lesch-Nyhan syndrome or gout.

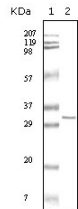
### Recommended Dilution

ELISA: 1:10000

WB: 1:500 - 1:2000

Not yet tested in other applications.

### Images



Western Blot analysis using HPRT Monoclonal antibody against truncated HPRT recombinant protein.

### Storage

-20°C for one year