

### 32-5984: Mouse Anti Human Hypoxanthine-Guanine Phosphoribosyltransferase(Clone: PAT2G8AT.)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	PAT2G8AT.
<b>Application :</b>	ELISA, WB
<b>Gene :</b>	HPRT1
<b>Gene ID :</b>	3251
<b>Uniprot ID :</b>	P00492
<b>Format :</b>	Purified
<b>Alternative Name :</b>	Hypoxanthine-Guanine Phosphoribosyltransferase, EC 2.4.2.8, HGPRT, HGPRTase, HPRT, HPRT1.
<b>Isotype :</b>	Mouse IgG1 heavy chain and k light chain.
<b>Immunogen Information :</b>	Anti-human HPRT mAb, is derived from hybridization of mouse FO myeloma cells with spleen cells from BALB/c mice immunized with recombinant human HPRT amino acids 1-218 purified from E. coli.

#### Description

HPRT1 has a main part in the generation of purine nucleotides through the purine salvage pathway. HPRT1 primarily functions to salvage purines from degraded DNA to renewed purine synthesis. Therefore, it performs as a catalyst in the reaction between guanine and phosphoribosyl pyrophosphate to form GMP.

#### Product Info

<b>Amount :</b>	20 µg
<b>Purification :</b>	HPRT antibody was purified from mouse ascitic fluids by protein-G affinity chromatography.
<b>Content :</b>	1mg/ml containing PBS, pH-7.4, & 0.1% Sodium Azide.
<b>Storage condition :</b>	For periods up to 1 month store at 4°C, for longer periods of time, store at -20°C. Prevent freeze thaw cycles.

#### Application Note

HPRT antibody has been tested by ELISA and Western blot analysis to assure specificity and reactivity. Since application varies, however, each investigation should be titrated by the reagent to obtain optimal results. Recommended dilution range for Western blot analysis is 1:500~1:5000. Recommended starting dilution is 1:1000.