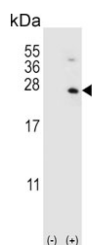


HPRT1 Antibody / HGPRT1 (F54880)

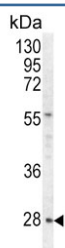
Catalog No.	Formulation	Size
F54880-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54880-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

[Bulk quote request](#)

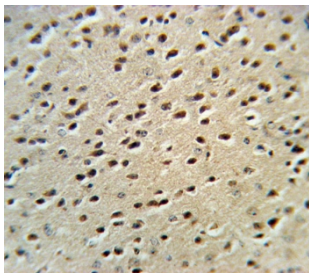
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	P00492
Localization	Cytoplasmic
Applications	Flow Cytometry : 1:10-1:50 (1x10 ⁶ cells) Immunohistochemistry (FFPE) : 1:10-1:50 Western Blot : 1:500-1:1000
Limitations	This HPRT1 antibody is available for research use only.



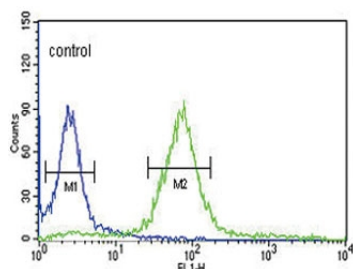
Western blot testing of 1) non-transfected and 2) transfected 293 cell lysate with HPRT1 antibody.



Western blot testing of human HeLa cell lysate with HPRT1 antibody. Predicted molecular weight ~25 kDa.



IHC testing of FFPE mouse brain tissue with HPRT1 antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



Flow cytometry testing of human HeLa cells with HPRT1 antibody; Blue=isotype control, Green= HPRT1 antibody.

Description

Hypoxanthine-guanine phosphoribosyltransferase 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.

Application Notes

The stated application concentrations are suggested starting points. Titration of the HPRT1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 150-178 from the human protein was used as the immunogen for the HPRT1 antibody.

Storage

Aliquot the HPRT1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.