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Datasheet for ABIN2682995
anti-HPRT1 antibody (full length)

6 Images

Overview

Quantity:	0.1 mg
Target:	HPRT1
Binding Specificity:	full length
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Flow Cytometry (FACS)

Product Details

Immunogen:	Purified recombinant fragment of human HPRT1 (AA: FULL(1-218)) expressed in E. coli.
Clone:	5F11A7
Isotype:	IgG1
Purification:	purified

Target Details

Target:	HPRT1
Alternative Name:	HPRT1 (HPRT1 Products)
Background:	Description: 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.

Target Details

Mutations in this gene result in Lesch-Nyhan syndrome or gout.

Aliases: HPRT, HGPRT

Molecular Weight: 24.6 kDa

Gene ID: 3251

HGNC: 3251

Pathways: [Ribonucleoside Biosynthetic Process](#)

Application Details

Application Notes: ELISA: 1:10000, WB: 1:500 - 1:2000, IHC: 1:200 - 1:1000, FCM: 1:200 - 1:400

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified antibody in PBS with 0.05 % sodium azide.

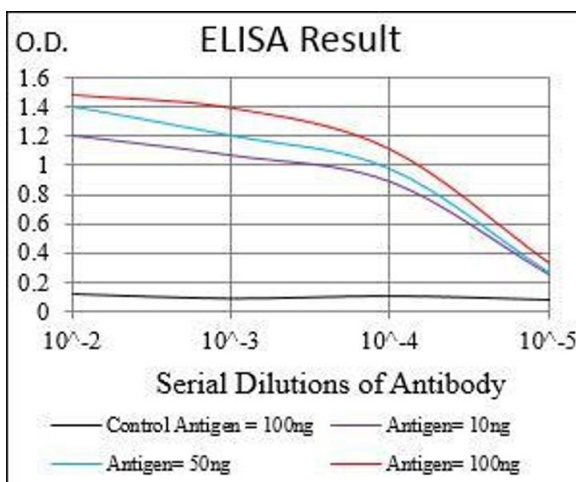
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C/-20 °C

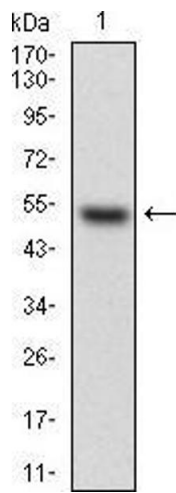
Storage Comment: 4°C, -20°C for long term storage

Images



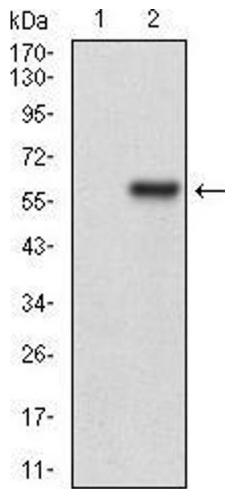
ELISA

Image 1. Black line: Control Antigen (100 ng), Purple line: Antigen(10 ng), Blue line: Antigen (50 ng), Red line: Antigen (100 ng),



Western Blotting

Image 2. Western blot analysis using HPRT1 mAb against human HPRT1 (AA: FULL(1-218)) recombinant protein. (Expected MW is 50.5 kDa)



Western Blotting

Image 3. Western blot analysis using HPRT1 mAb against HEK293 (1) and HPRT1 (AA: FULL(1-218))-hlgGfC transfected HEK293 (2) cell lysate.

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN2682995.