

## Anti human GATA2 mouse monoclonal antibody (ProteinA purified)

GATA2: Endothelial transcription factor GATA-2

Code No PP-B9922A-0C

Clone No. B9922A

Lot. A2F1

Concentration 1 mg/mL

Volume 100  $\mu$ L

Ig Class G2b

Description GATA2 is transcriptional activator which regulates gene expression and cell phenotype, plays a role in development of hematopoietic, nervous and urinary systems. Binds to the consensus sequence 5'-(A/T) GATA(A/G)-3'.

### Nomenclature

Genbank M68891

Origin Produced in culture supernatant from hybridoma of mouse myeloma cells (NS-1) and spleen cells derived from a BALB/c mouse immunized with Baculovirus-expressed recombinant human GATA2 (192-245 aa).

Specificity This antibody specifically recognizes human GATA2 and cross reacts with mouse and rat GATA2. Not yet tested in other species.

Purification Affinity chromatography

Formulation Physiologic saline with 0.1 % NaN3.

### Application / Recommended Concentration

In order to obtain the best results, optimal working dilutions should be determined by each individual user.

Western Blot 1ug/mL

Non reducing Western Blot Not yet tested

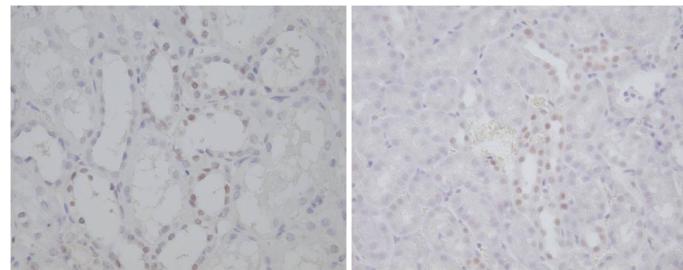
ELISA 0.1ug/mL

Immunoprecipitation Decide by use

Supershift Assay Decide by use

Chromatin immunoprecipitation Decide by use

Immunohistochemistry 1-30ug/mL



human kidney  
distal tubule

mouse kidney  
distal tubule

Storage Store at 2 - 8 °C up to one month. For long-term storage, the solution may be frozen in working aliquots. Repeated freezing and thawing is not recommended. Storage in a frost-free freezer is not recommended.

Reference Kanki Y, et al. EMBO J. 2011; 30(13): 2582-2595.

Notes Sodium azide may react with lead and copper plumbing to form explosive metal azides. Flush with large amounts of water during disposal.

FOR RESEARCH ONLY. NOT FOR USE IN HUMANS.

Not for Diagnostic or Therapeutic use. Purchase of this product does not include or carry any right to resell or transfer this product either as a stand-alone product or as a component of another product. Any use of this product other than the permitted use without the express written consent of Perseus Proteomics Inc. is prohibited.

MADE IN JAPAN

Dec 2, 2025