

Anti human GATA2 mouse monoclonal antibody

GATA2: Endothelial transcription factor GATA-2

Code No	PP-B9922A-0C
Clone No.	B9922A
Lot.	B-1
Concentration	1 mg/mL
Volume	100 uL
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'.
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).
Epitope	
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	Physiological saline with 0.1% NaN ₃

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

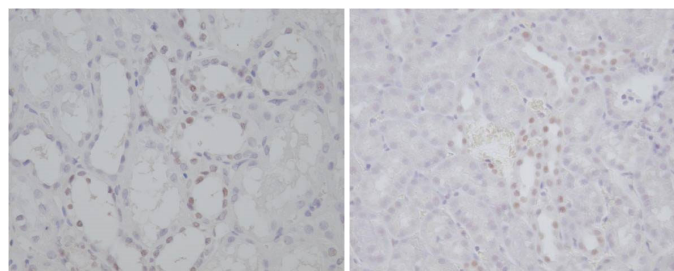
ELISA 0.1ug/mL

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.

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MADE IN JAPAN

July 1, 2023