

Gjb1 monoclonal antibody, clone M12.13

Catalog # MAB14801 Size 100 ug

Specification

Product Description	Mouse monoclonal antibody raised against native rat Gjb1.
Immunogen	Rat junctional complexes.
Host	Mouse
Theoretical MW (kDa)	27-32
Reactivity	Human, Rat
Form	Liquid
Purification	Protein G purification
Isotype	IgG
Recommend Usage	Flow Cytometry (0.5-1 ug/10 ⁶ cells) Immunofluorescence (1-2 ug/mL) Immunohistochemistry (Frozen sections) (0.5-1 ug/mL) Western Blotting (0.5-1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In 10 mM PBS.
Storage Instruction	Store at -20 to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot
- Immunohistochemistry (Frozen sections)
- Immunofluorescence

- Flow Cytometry

Gene Info — Gjb1

Entrez GeneID	29584
Protein Accession#	P08033
Gene Name	Gjb1
Gene Alias	Cx32
Gene Description	gap junction protein, beta 1
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	connexin 32 gap junction membrane channel protein beta 1 gap junction protein, beta 1, 32kDa

Publication Reference

- [Topological distribution of two connexin32 antigenic sites in intact and split rodent hepatocyte gap junctions.](#)

Goodenough DA, Paul DL, Jesaitis L.

The Journal of Cell Biology 1988 Nov; 107(5):1817.

Application: IF, WB-Ti, Mouse, Rat, Liver