Gjb1 monoclonal antibody, clone M12.13

Catalog # MAB14545 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 (0.05% BSA, 0.05% sodium azide).
Storage Instruction	Store at 4°C.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunohistochemistry (Frozen sections)
- Immunofluorescence

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- Flow Cytometry
- Western Blot

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

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