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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Datasheet

GLUL monoclonal antibody (MF02J), clone 3B6 (FITC)

Catalog Number: H00002752-MF02J

Regulation Status: For research use only (RUO)

Product Description: FITC conjugated mouse monoclonal antibody raised against a partial recombinant GLUL.

This product is belong to Cell Culture Grade Antibody (CX Grade).

Clone Name: 3B6

Immunogen: GLUL (NP_002056.2, 274 a.a. ~ 373 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:

IEKLSKRHQYHIRAYDPKGGGLDNARRLTGFHETSNIND
FSAGVANRSASIRIPRTVGQEKKGYPEDRRPSANCDP
FSVTEALIRTCLLNETGDEPFQYKN

Host: Mouse

Interspecies Antigen Sequence: Mouse (94); Rat (94)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Conjugation: FITC

Preparation Method: Cell Culture Production

Isotype: IgG1 Kappa

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 2752

Gene Symbol: GLUL

Gene Alias: GLNS, GS, PIG43, PIG59

Gene Summary: Glutamine is a main source of energy

and is involved in cell proliferation, inhibition of apoptosis, and cell signaling (Haberle et al., 2005 [PubMed 16267323]). Fetal glutamine requirements are very high and depend largely on active glutamine synthesis and the release of glutamine into the fetal circulation by the placenta. Glutamine synthetase (EC 6.3.1.2), also called glutamate-ammonia ligase (GLUL), is expressed throughout the body and plays an important role in controlling body pH and in removing ammonia from the circulation. The enzyme clears L-glutamate, the major neurotransmitter in the central nervous system, from neuronal synapses (see references in Clancy et al., 1996 [PubMed 8975719]).[supplied by OMIM]