



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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## Datasheet

### SH2D1A monoclonal antibody (MF01), clone 1C9 (FITC)

**Catalog Number:** H00004068-MF01

**Regulation Status:** For research use only (RUO)

**Product Description:** FITC conjugated mouse monoclonal antibody raised against a full length recombinant SH2D1A.

**Clone Name:** 1C9

**Immunogen:** SH2D1A (AAH20732, 1 a.a. ~ 128 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

**Sequence:**

MDAVAVYHGKISRETGEKLLLATGLDGSYLLRDSVSP  
GVYCLCVLYHGYIYTYRVSQTETGSWSAETAPGVHKR  
YFRKIKNLISAFQKPDQGIVIPQLQYPVEKKSSARSTQGT  
TGIREDPDVCLKAP

**Host:** Mouse

**Interspecies Antigen Sequence:** Mouse (88); Rat (89)

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

**Conjugation:** FITC

**Isotype:** IgG2a 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:** 4068

**Gene Symbol:** SH2D1A

**Gene Alias:** DSHP, EBVS, FLJ18687, FLJ92177, IMD5,  
LYP, MTCP1, SAP, XLP, XLPD

**Gene Summary:** This gene encodes a protein that plays  
a major role in the bidirectional stimulation of T and B  
cells. This protein contains an SH2 domain and a short

tail. It associates with the signaling lymphocyte-activation molecule, thereby acting as an inhibitor of this transmembrane protein by blocking the recruitment of the SH2-domain-containing signal-transduction molecule SHP-2 to its docking site. This protein can also bind to other related surface molecules that are expressed on activated T, B and NK cells, thereby modifying signal transduction pathways in these cells. Mutations in this gene cause lymphoproliferative syndrome X-linked type 1 or Duncan disease, a rare immunodeficiency characterized by extreme susceptibility to infection with Epstein-Barr virus, with symptoms including severe mononucleosis and malignant lymphoma. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]