



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Datasheet

### ODC1 monoclonal antibody (M01), clone 2G5

**Catalog Number:** H00004953-M01

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

**Product Description:** Mouse monoclonal antibody raised against a full length recombinant ODC1.

**Clone Name:** 2G5

**Immunogen:** ODC1 (AAH25296, 1 a.a. ~ 461 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

**Sequence:**

MNCFGNEEFDCHFLDEGFTAkdILDQKINEVSSDDK  
DAFYVADLGDILKKHLRWLkALPRVTPFYAVKCNDSKA  
IVKTLAATGAGFDCASKTEIQLVQSLGVPperIIYANPC  
KQVsqIKYAANNGVQMMTFDSEVELMKVARAHpkAKL  
VLRIATDDSKAVCRlSVKFGATLRtSRLLLERAKELNID  
VVGVSfHVGSgCTDPETfVQAISDARCVfDMGAeVGF  
SMYLLDIGGGfPGsEDVklKfEEITGVINPALDKYfPSP  
SGVRIIAEPGRYYVAsAFTLAVNIIAKKIVLKEQTGSdDE  
DESSEQTFMYyVNDGVyGSfNCILYDHAHVkPLLQKR  
PKPDEKYSSSIWgPTCDGLDRIVERCDLPEMHVGD  
WMLFENMGAYTVAAASTfNGfQRPTIYYVMSGPAWQ  
LMQQFQNPDFPPEVEEQDASTLPVSCAWESGMKRHR  
AACASASINV

**Host:** Mouse

**Reactivity:** Human,Rat

**Applications:** ELISA, IF, IP, WB-Ce, WB-Ti, WB-Tr  
(See our web site product page for detailed applications information)

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

**Isotype:** IgG2b 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:** 4953

**Gene Symbol:** ODC1

**Gene Alias:** ODC

**Gene Summary:** This gene encodes the rate-limiting enzyme of the polyamine biosynthesis pathway which catalyzes ornithine to putrescine. The activity level for the enzyme varies in response to growth-promoting stimuli and exhibits a high turnover rate in comparison to other mammalian proteins. Originally localized to both chromosomes 2 and 7, the gene encoding this enzyme has been determined to be located on 2p25, with a pseudogene located on 7q31-qter. [provided by RefSeq]

**References:**

1. TWIST1 is a direct transcriptional target of MYCN and MYC in neuroblastoma. Selmi A, de Saint-Jean M, Jallas AC, Garin E, Hogarty MD, Benard J, Puisieux A, Marabelle A, Valsesia-Wittmann S *Cancer Lett.* 2014 Dec 1. pii: S0304-3835(14)00741-1. doi: 10.1016/j.canlet.2014.11.056.