

#### OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

# Product datasheet for TA802805

# OAS2 Mouse Monoclonal Antibody [Clone ID: OTI5C3]

## **Product data:**

Product Type:	Primary Antibodies	
Clone Name:	OTI5C3	
Applications:	WB	
Recommended Dilution:	WB 1:200	
Reactivity:	Human	
Host:	Mouse	
lsotype:	lgG1	
Clonality:	Monoclonal	
Immunogen:	Human recombinant protein fragment corresponding to amino acids 60-335 of human OAS2 (NP_002526) produced in E.coli.	
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.	
Concentration:	1 mg/ml	
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)	
Conjugation:	Unconjugated	
Storage:	Store at -20°C as received.	
Stability:	Stable for 12 months from date of receipt.	
Predicted Protein Size:	78.6 kDa	
Gene Name:	2'-5'-oligoadenylate synthetase 2	
Database Link:	<u>NP_002526</u> <u>Entrez Gene 4939 Human</u> <u>P29728</u>	



This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2024 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

#### **GRIGENE** OAS2 Mouse Monoclonal Antibody [Clone ID: OTI5C3] – TA802805

# Background:This gene encodes a member of the 2-5A synthetase family, essential proteins involved in the<br/>innate immune response to viral infection. The encoded protein is induced by interferons<br/>and uses adenosine triphosphate in 2'-specific nucleotidyl transfer reactions to synthesize<br/>2',5'-oligoadenylates (2-5As). These molecules activate latent RNase L, which results in viral<br/>RNA degradation and the inhibition of viral replication. The three known members of this<br/>gene family are located in a cluster on chromosome 12. Alternatively spliced transcript<br/>variants encoding different isoforms have been described. [provided by RefSeq, Jul

Synonyms: MGC78578

Protein Families:

### **Product images:**

	_	
170	-	
130	-	
100	-	
70	-	
55	-	
40	-	
35	-	
25	-	
15	-1	
10	-	

Druggable Genome

HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY OAS2 ([RC208273], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-OAS2. Positive lysates [LY400905] (100ug) and [LC400905] (20ug) can be purchased separately from OriGene.

This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2024 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US