

Product datasheet for **CF802772**

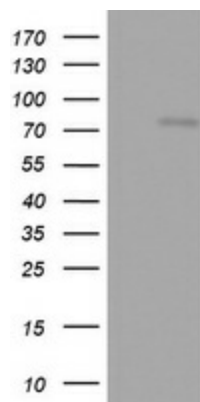
OAS2 Mouse Monoclonal Antibody [Clone ID: OTI6E6]

Product data:

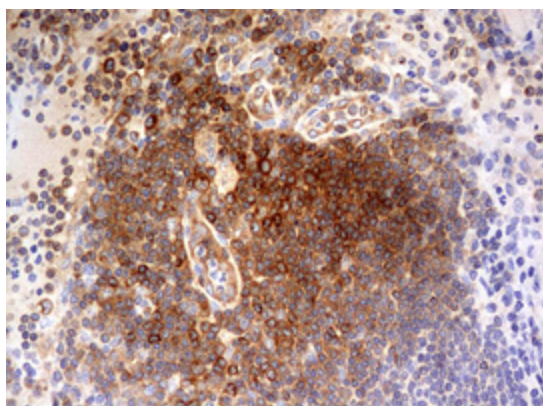
Product Type:	Primary Antibodies
Clone Name:	OTI6E6
Applications:	IHC, WB
Recommend Dilution:	WB 1:2000
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 60-335 of human OAS2 (NP_002526) produced in E.coli.
Formulation:	PBS (pH7.3), 8% Trehalose
Reconstitution Method:	Reconstitute with PBS (pH7.3). To use this carrier-free antibody for conjugation experiment, we strongly recommend you to perform another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
Purification:	Purified from mouse ascites fluids by affinity chromatography
Predicted Protein Size:	78.6 kDa
Gene Name:	Homo sapiens 2'-5'-oligoadenylate synthetase 2 (OAS2), transcript variant 2, mRNA.
Database Link:	NP_002526 Entrez Gene 4939 Human
Background:	This gene encodes a member of the 2-5A synthetase family, essential proteins involved in the innate immune response to viral infection. The encoded protein is induced by interferons and uses adenosine triphosphate in 2'-specific nucleotidyl transfer reactions to synthesize 2',5'-oligoadenylates (2-5As). These molecules activate latent RNase L, which results in viral RNA degradation and the inhibition of viral replication. The three known members of this gene family are located in a cluster on chromosome 12. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq, Jul 2016]
Synonyms:	MGC78578
Protein Families:	Druggable Genome



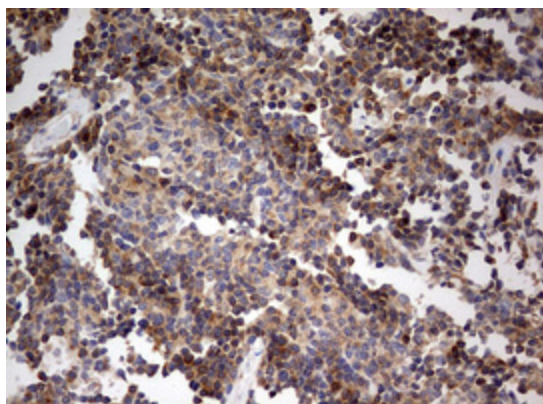
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Product images:

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.



Immunohistochemical staining of paraffin-embedded Human lymph node tissue within the normal limits using anti-OAS2 mouse monoclonal antibody. (TA802772) Dilution: 1:150



Immunohistochemical staining of paraffin-embedded Human lymphoma tissue using anti-OAS2 mouse monoclonal antibody. (TA802772) Dilution: 1:150