

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human OAS2.
Source	Monoclonal Mouse IgG _{2A} Clone # HLS56/3
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	2',5'-Oligoadenylate Synthetase-2
Conjugate	Alexa Fluor 700 Excitation Wavelength: 675-700 nm Emission Wavelength: 723 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

Immunocytochemistry	Optimal dilution of this antibody should be experimentally determined.
Immunoprecipitation	Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

OAS2, also known as OAS (69 kDa), is one of three related proteins (along with OAS1 and OAS3) that catalyze the conversion of ATP into 2',5'-linked adenosine oligomers with the general formula pppA(2',5'A)_n where n ≥ 1 (2, 3). These proteins are induced by interferons, activated by double-stranded RNA, and are implicated in anti-viral immunity (1, 4, 5).

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