

DESCRIPTION

Species Reactivity	Human/Mouse
Specificity	Detects human NRAGE in direct ELISAs. In direct ELISAs, no cross-reactivity with recombinant human MAGE-A4 is observed.
Source	Monoclonal Mouse IgG _{2B} Clone # 613441
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	<i>E. coli</i> -derived recombinant human NRAGE Arg73-Asn254 Accession # Q9Y5V3
Conjugate	Alexa Fluor 405 Excitation Wavelength: 405 nm Emission Wavelength: 421 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.

Western Blot	Optimal dilution of this antibody should be experimentally determined.
Immunocytochemistry	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

NRAGE, also known as MAGE-D1 or Dlxin-1, is a ubiquitously expressed cytosolic protein that is a member of the melanoma-associated antigen (MAGE) family. The 778 aa human NRAGE protein contains a segment with 22 repeats of a W(P/Q)xPxx motif, followed by a MAGE domain. Human and mouse NRAGE share 87% aa identity. In the brain, NRAGE interacts with p75NTR, blocks cell cycle progression, and facilitates NGF-dependent apoptosis.

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