

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human NEU-1/Sialidase-1 in direct ELISAs.
Source	Monoclonal Mouse IgG _{2B} Clone # 688215
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	<i>S. frugiperda</i> insect ovarian cell line Sf21-derived recombinant human NEU-1/Sialidase-1 Lys46-Leu415 Accession # Q99519
Conjugate	Alexa Fluor 647 Excitation Wavelength: 650 nm Emission Wavelength: 668 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.
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

Neuraminidase, also called NEU-1 or lysosomal sialidase, is a 45 kDa glycoprotein in the N-acetyl-a neuraminidase family. It is a member of a complex within the secretory lysosomes of melanosomes and hematopoietic cells that removes terminal sialic acids from glycosylated proteins and lipids. Mature human NEU-1 (aa 46-415) shares 86.5% aa identity with mouse and rat NEU-1. A 225 aa splice variant shares aa 206-415, but has an alternate N-terminus.

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