

DESCRIPTION

Species Reactivity	Human/Mouse
Specificity	Detects human and mouse Neprilysin/CD10 in direct ELISAs and Western blots. In direct ELISAs, no cross-reactivity with recombinant human ECE-2 or recombinant mouse Kell is observed.
Source	Monoclonal Rat IgG _{2B} Clone # 200103
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	<i>S. frugiperda</i> insect ovarian cell line Sf 21-derived recombinant mouse Neprilysin/CD10 Tyr52-Trp750 Accession # Q61391
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.

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

Neprilysin is also known as CALLA and CD10. It is a zinc metalloprotease expressed at the cell surface that cleaves a variety of bioactive peptides such as enkephalins, atrial natriuretic peptide and amyloid β peptide.

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