

DESCRIPTION

Species Reactivity	Human/Mouse
Specificity	Detects human and mouse Kirrel2/NEPH3 in direct ELISAs and Western blots.
Source	Monoclonal Mouse IgG ₁ Clone # 318311
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Mouse myeloma cell line NS0-derived recombinant human Kirrel2 Gly21-Arg503 Accession # Q6UWL6
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.

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

Kirrel2, also known as nephrin-like 3, nephrin-like gene 1 and filtrin, is a type I transmembrane protein belonging to the immunoglobulin superfamily. By alternative splicing, at least 5 isoforms that differ in their extracellular and/or intracellular regions have been described. Kirrel2 is expressed in the pancreas, lymph nodes, kidney glomerulus, as well as brain. The extracellular domains of human and mouse Kirrel2 share 86% amino acid sequence identity.

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