

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human Kell in direct ELISAs and Western blots. In direct ELISAs and Western blots, no cross-reactivity with recombinant human ECE-2, recombinant human Neprilysin, or recombinant mouse Kell is observed.
Source	Monoclonal Mouse IgG ₁ Clone # 195031
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Mouse myeloma cell line NS0-derived recombinant human Kell Asn68-Trp732 Accession # P23276
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

Kell, a type II membrane glycoprotein, is linked through a single disulfide bond to XK, a putative membrane transporter. These two proteins constitute the Kell blood group system. Kell is a zinc metalloprotease of the neprilysin family that cleaves big endothelins.

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