

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human RFX6 in direct ELISAs.
Source	Monoclonal Mouse IgG _{2B} Clone # 811704
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	<i>E. coli</i> -derived recombinant human RFX6 Lys324-Thr511 Accession # Q8HWS3
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.

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

RFX6 (regulatory factor X, member 6) is a 928 amino acid, ~102 kDa (calculated) member of the RFX family of transcription factors that are critical for development. RFX6 is expressed in the gut endoderm, later becoming restricted to developing and adult pancreatic islets. It is downstream of Neurogenin-3 and essential for differentiation of most islet cell types. Mutation in humans can produce autosomal recessive neonatal diabetes. Human RFX6 shares 96% and 95% amino acid sequence identity with mouse and rat RFX6, respectively.

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