

Human/Mouse PDX-1/IPF1 Alexa Fluor® 594-conjugated Antibody

Monoclonal Mouse IgG_{2B} Clone # 267712

Catalog Number: IC2419T

100 µg

DESCRIPTION

Species Reactivity	Human/Mouse
Specificity	Detects human and mouse PDX-1 in Western blots.
Source	Monoclonal Mouse IgG _{2B} Clone # 267712
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	<i>E. coli</i> -derived recombinant human PDX-1 Ala91-Arg283 Accession # P52945
Conjugate	Alexa Fluor 594 Excitation Wavelength: 590 nm Emission Wavelength: 617 nm
Formulation	Supplied 0.2 mg/mL in a saline solution containing BSA and 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.

	Recommended Concentration	Sample
Intracellular Staining by Flow Cytometry	0.25-1 µg/10 ⁶ cells	βTC-6 mouse beta cell insulinoma cell line

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. <ul style="list-style-type: none"> 12 months from date of receipt, 2 to 8 °C as supplied.

BACKGROUND

Pancreatic-Duodenal Homeobox Factor-1 (PDX-1), also known as Insulin Promoter Factor 1 (IPF1), is a homeodomain transcription factor essential for pancreatic development and mature pancreatic beta cell function.

PRODUCT SPECIFIC NOTICES

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