Human TCF-2/HNF-1β Alexa Fluor® 594-conjugated Antibody

Antigen Affinity-purified Polyclonal Goat IgG
Catalog Number: AF3330T
100 µg

DESCRIPTION

Species Reactivity	Human
Specificity	This antibody detects TCF-2/HNF-1β in direct ELISAs and Western blots. It is expected to recognize all three TCF-2 isoforms.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	*E. coli*-derived recombinant human TCF-2/HNF-1β Gly51-Gln182 Accession # P35680
Conjugate	Alexa Fluor 594 Excitation Wavelength: 590 nm Emission Wavelength: 617 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.*

Immunocytochemistry	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

TCF-2, also known as HNF-1β (hepatocyte nuclear factor 1β) and VHNF-1, is a member of the HNF-1 homeobox family. By alternative splicing, three isoforms of TCF-2/HNF-1β exist. TCF-2/HNF-1β binds DNA as a homodimer or heterodimer with TCF-1/HNF-1α. Within the region used as the immunogen, human TCF-2 shares 98% amino acid sequence homology with mouse and rat TCF-2. TCF-2 expression is required for visceral endoderm specification.

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Bio-Techne®
Global | bio-techne.com info@bio-techne.com techsupport@bio-techne.com TEL: 1.612.379.2956
USA | TEL: 800.343.7475 Canada | TEL: 855.668.8722 Europe | Middle East | Africa TEL: +44.0.1235.529449
China | info.cn@bio-techne.com TEL: 400.821.3475