

DESCRIPTION

Species Reactivity	Human
Specificity	Detects a synthetic peptide specific for human Claudin-11 around amino acid 200 in Direct ELISA.
Source	Monoclonal Mouse IgG _{2B} Clone # 1102132
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Synthetic Peptide Accession # O75508
Conjugate	Alexa Fluor 647 Excitation Wavelength: 650 nm Emission Wavelength: 668 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.*

Immunohistochemistry	Optimal dilution of this antibody should be experimentally determined.
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PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
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Stability & Storage	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied
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BACKGROUND

Claudin-11 is a 207 amino acid multipass membrane protein in the claudin family of epithelial tight junction proteins. Claudin-11 is widely expressed and is involved in epithelial remodeling during spermatogenesis and inner ear mechanotransduction. Claudin-11 is up-regulated in some cancers. Human Claudin-11 shares 94% aa sequence identity with mouse and rat Claudin-11.

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