

DESCRIPTION

Species Reactivity	Human
Specificity	Detects a synthetic peptide specific for Cytokeratin 17 around amino acid 120 in Direct ELISA.
Source	Monoclonal Mouse IgG _{2B} Clone # 1080235
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Cytokeratin 17 containing synthetic peptide Accession # Q04695
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.

Western Blot	Optimal dilution of this antibody should be experimentally determined.
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

Cytokeratin 17 (KRT17) is a 48 kDa, 432 aa type I keratin that has been studied in several types of cancer. KRT17 promotes epithelial cell proliferation and tumor growth in skin. Many studies have shown KRT17 overexpression in many cancers including cervical, oral, ovarian, gastric, lung and pancreatic cancer among others. In certain types of breast cancer, KRT17 overexpression has been associated with poor prognosis. KRT17 expression is closely associated with prognosis in cancer and can be a novel therapeutic target.

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