

DESCRIPTION

Species Reactivity	Human
Specificity	Detects a synthetic peptide specific for hEXOSC9 around amino acid 300 in Direct ELISA.
Source	Monoclonal Mouse IgG ₁ Clone # 1090209
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Synthetic Peptide Accession # Q06265
Conjugate	Alexa Fluor 647 Excitation Wavelength: 650 nm Emission Wavelength: 668 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

Exosome Component 9 (EXOSC9) is a 49 kDa protein and one of the six core proteins of the RNA exosome complex. It is known that EXOSC9 is necessary for the normal differentiation of epidermal tissues. EXOSC9 is also necessary for P-body formation, stress resistance and tumorigenicity in cancers. Depletion of EXOSC9 attenuates stress resistance and P-body formation in cancer cells and higher EXOSC9 activity correlates with poor prognosis in some types of cancers.

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