Human/Mouse DDX5 Alexa Fluor® 647-conjugated Antibody

Monoclonal Mouse IgG_{2A} Clone # 632813

Catalog Number: FAB6370R

100 µg

DESCRIPTION

Species Reactivity	Human/Mouse
Specificity	Detects human and mouse DDX5 in Western blots.
Source	Monoclonal Mouse IgG_{2A} Clone # 632813
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	*E. coli*-derived recombinant human DDX5 Asn448-Gln614 Accession # P17844
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.*

Western Blot	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

DDX5, also known as p68 RNA helicase, is a 614 amino acid (aa), 68 kDa member of the DEAD box family of RNA helicases that contain the conserved Asp-Glu-Ala-Asp (DEAD) motif. DDX5 influences RNA transport, transcription, ribosome assembly, spliceosome function, RNA degradation, and the initiation of translation. DDX5 shares 87% aa identity with DDX17 within the central region and the two are often expressed together. The C-terminal region used as an immunogen shares 96% and 99% aa identity with mouse and rat DDX5, respectively, but lies mainly outside the DDX17 homology region.

PRODUCT SPECIFIC NOTICES

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