

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human HES-4 in Western blots.
Source	Monoclonal Mouse IgG _{2A} Clone # 455237
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	<i>E. coli</i> -derived recombinant human HES-4 Val94-Arg221 Accession # Q9HCC6
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

The Notch pathway maintains embryonic stem cells by up-regulation of HES and Hey basic helix-loop-helix family members, which repress tissue specific expression. HES-4 is up-regulated in gastric and colorectal cancers. It shares high homology with HES-1, HES-2, and HES-3.

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