

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human ETV1 in direct ELISAs and Western blots.
Source	Monoclonal Mouse IgG ₁ Clone # 815207
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	<i>E. coli</i> -derived recombinant human ETV1 Asn120-Leu190 Accession # P50549
Conjugate	Alexa Fluor 405 Excitation Wavelength: 405 nm Emission Wavelength: 421 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

ETS translocation variant 1 is a protein that in humans is encoded by the ETV1 gene. ETV-1, ETV-4 and ETV-5 proteins form the PEA3 subfamily of ETS transcription factors. Posttranslational modifications in this subfamily promote cell proliferation, motility and invasion. Disregulation of ETV-1 has been observed in gastrointestinal stromal and protatic tumors, and in triple-negative breast cancer. Human ETV-1 is a 477 aminoacids (aa) protein with at least six known isoforms. Over the immunogen used in this antibody (aa120-190), ETV-1 sequences are 96% identical to mouse and rat ETV-1 sequences.

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