

DESCRIPTION

Species Reactivity	Human/Mouse
Specificity	Detects human and mouse ID1 in Western blots.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	<i>E. coli</i> -derived recombinant mouse ID1 Met1-Glu135 Accession # P20067
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.
Immunocytochemistry	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

ID-1a is a negative regulator of helix-loop-helix (HLH) DNA binding proteins. ID-1a contains a HLH motif but no DNA binding motif, therefore, upon binding other HLH proteins, ID-1a acts a dominant negative regulator. ID-1a can be found in both cytoplasmic and nuclear cell fractions. Increased ID-1a expression is associated with cellular proliferation and cancer.

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