

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human Max in Western blots.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	<i>E. coli</i> -derived recombinant human Max Asp37-Ser141 Accession # P61244
Conjugate	Alexa Fluor 488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 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

Max is a member of the basic helix-loop-helix leucine zipper (bHLHZ) family of transcription factors. Max is able to form homodimers and heterodimers with other family members (Mad, Mxi1, and Myc). These homodimers and heterodimers compete for a common DNA target site (the E box (CACGTG)). MYC:MAX heterodimers are associated with transcriptional activation and cellular proliferation, whereas, the MAD:MAX heterodimers are associated with transcriptional repression and cellular differentiation. Max has six alternatively spliced transcript variants.

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