

DESCRIPTION

Species Reactivity	Human/Mouse
Specificity	Detects human and mouse HMGA2 in direct ELISAs and Western blots. In direct ELISAs, approximately 10% cross-reactivity with recombinant human HMGB1 is observed.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	<i>E. coli</i> -derived recombinant human HMGA2 Ser2-Asp109 Accession # P52926
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.
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

HMGA2, previously known as HMGI-C, belongs to the group of high mobility chromosomal proteins that have the AT-hook DNA-binding motif. It is highly and ubiquitously expressed during embryogenesis. Chromosomal rearrangements of the HMGA2 gene and overexpression are frequently associated with benign and malignant tumors, respectively. Human and mouse HMGA2 share 95% amino acid sequence identity.

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