

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human ZMIZ1/Zimp10 in direct ELISAs and Western blots.
Source	Polyclonal Sheep IgG
Purification	Antigen Affinity-purified
Immunogen	<i>E. coli</i> -derived recombinant human ZMIZ1/Zimp10 Pro878-Ala981 Accession # Q9ULJ6
Conjugate	Alexa Fluor 532 Excitation Wavelength: 534 nm Emission Wavelength: 553 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.
Immunohistochemistry	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

Human ZMIZ1 (zinc finger and Miz-domain containing 1), previously called Zimp10 (zinc finger, Miz1, PIAS-like protein on chromosome 10) is a 1067 amino acid (aa), approximately 130 kDa cytoplasmic and nuclear protein. It is a coactivator of the androgen receptor (AR), and enhances AR-mediated transcription and AR sumoylation. It also coactivates other transcription factors such as SMAD4 and p53. It is normally expressed in human ovary, testis and prostate epithelial cells. The ZIMZ1 gene can be fused to ABL1 in a B-cell acute lymphocytic leukemia. Within the region used as an immunogen, human ZMIZ1 shares 98% and 97% aa sequence identity with mouse and rat ZMIZ1, respectively. A 997 aa isoform with an alternate sequence replacing aa 1-94 has been described.

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