

DESCRIPTION

Species Reactivity	Human/Mouse
Specificity	Detects human and mouse ZBTB7A/Pokemon in Western blots.
Source	Monoclonal Mouse IgG _{2B} Clone # 466407
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	<i>E. coli</i> -derived recombinant human ZBTB7A/Pokemon Met349-Val476 Accession # O95365
Conjugate	Alexa Fluor 750 Excitation Wavelength: 749 nm Emission Wavelength: 775 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

ZBTB7A (zinc finger and BTB domain-containing 7A), also known as Pokemon, FBI-1 in human, LRF in mouse, and OCZF in rat, is a widely expressed nuclear protein that is overexpressed in many human cancers. It is a transcriptional repressor of ARF, c-fos, c-myc, Rb and others, including many extracellular matrix genes. These targets play important roles, both in normal differentiation and oncogenesis. Human ZBTB7A/Pokemon is a 584 amino acid (aa) protein with a BTB-POZ domain (aa 24-131) and four zinc finger repeats (aa 382-484). Human ZBTB7A/Pokemon shares 98% aa identity with mouse and rat within aa 349-476.

PRODUCT SPECIFIC NOTICES

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