

DESCRIPTION

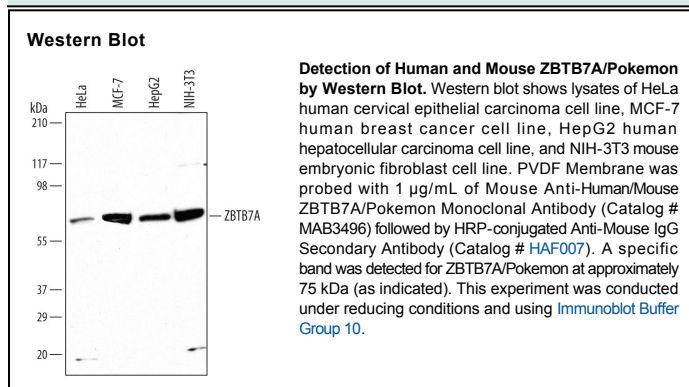
Species Reactivity	Human/Mouse
Specificity	Detects human and mouse ZBTB7A/Pokemon in Western blots.
Source	Monoclonal Mouse IgG _{2B} Clone # 466407
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	<i>E. coli</i> -derived recombinant human ZBTB7A/Pokemon Met349-Val476 Accession # O95365
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied as a 0.2 µm filtered solution in PBS.

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.

	Recommended Concentration	Sample
Western Blot	1 µg/mL	See Below

DATA



PREPARATION AND STORAGE

Reconstitution	Reconstitute at 0.5 mg/mL in sterile PBS.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below. *Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C
Stability & Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. <ul style="list-style-type: none"> ● 12 months from date of receipt, -20 to -70 °C as supplied. ● 1 month, 2 to 8 °C under sterile conditions after reconstitution. ● 6 months, -20 to -70 °C under sterile conditions after reconstitution.

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.