

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human ZNF10 in direct ELISAs.
Source	Monoclonal Mouse IgG ₁ Clone # 980803
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Synthetic peptide containing human ZNF10 Accession # P21506
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 either lyophilized or as a 0.2 µm filtered solution in PBS.

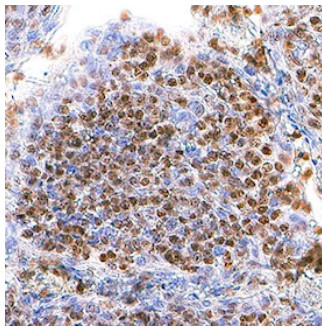
APPLICATIONS

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
Immunohistochemistry	5-25 µg/mL	See Below

DATA

Immunohistochemistry



ZNF10 in Human Tonsil. ZNF10 was detected in immersion fixed paraffin-embedded sections of human tonsil using Mouse Anti-Human ZNF10 Monoclonal Antibody (Catalog # MAB96561) at 5 µg/mL for 1 hour at room temperature followed by incubation with the Anti-Mouse IgG VisUCyte™ HRP Polymer Antibody (Catalog # VC001). Tissue was stained using DAB (brown) and counterstained with hematoxylin (blue). Specific staining was localized to cell nuclei. View our protocol for [IHC Staining with VisUCyte HRP Polymer Detection Reagents](#).

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

Human Zinc finger protein ZNF10 (or KOX1) is a 573 amino acids protein encoded by the ZNF10 gene. ZNF10 contains a C2H2 zinc finger, and has been shown to function as a transcriptional repressor via the Kruppel-associated box (KRAB) domain of the protein. ZNF10 has been shown to interact with the nuclear hub protein TRIM28 to mediate chromatin-dependent processes like transcriptional repression, imprinting or suppression of endogenous retroviruses, representing a potential intrinsic antiretroviral defense.