

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human A20/TNFAIP3 in direct ELISAs.
Source	Monoclonal Mouse IgG _{2B} Clone # 775928
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	<i>E. coli</i> -derived recombinant human A20/TNFAIP3 Lys91-Leu263 Accession # P21580
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.

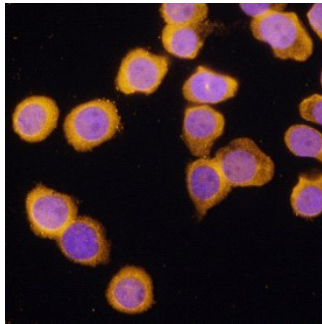
APPLICATIONS

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
Immunocytochemistry	8-25 µg/mL	See Below

DATA

Immunocytochemistry



A20/TNFAIP3 in HL-60 Human Cell Line.
A20/TNFAIP3 was detected in immersion fixed HL-60 human acute promyelocytic leukemia cell line using Mouse Anti-Human A20/TNFAIP3 Monoclonal Antibody (Catalog # MAB75981) at 25 µg/mL for 3 hours at room temperature. Cells were stained using the NorthernLights™ 557-conjugated Anti-Mouse IgG Secondary Antibody (yellow; Catalog # NL007) and counterstained with DAPI (blue). Specific staining was localized to cytoplasm. View our protocol for [Fluorescent ICC Staining of Non-adherent Cells](#).

PREPARATION AND STORAGE

Reconstitution	Sterile PBS to a final concentration of 0.5 mg/mL.
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

A20, also called TNF α -induced protein 3 (TNFAIP3), is a cytoplasmic zinc finger protein that inhibits NF κ B activity and tumor necrosis factor-mediated programmed cell death. The protein interacts with NAF1 and inhibits TNF-induced NF κ B-dependent gene expression by interfering with RIP- or TRAF2-mediated transactivation signaling. A20 contains an N-terminal domain which has deubiquitinating enzyme activity and removes ubiquitin chains from receptor-interacting protein (RIP), thus mediating distinct regulatory effects in the down-regulation of NF κ B signaling.