



## UK Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB09119 - Goat Anti-NOXA Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** PMAIP1, phorbol-12-myristate-13-acetate-induced protein 1, APR, NOXA, adult T cell leukemia-derived PMA-responsive

**Official Symbol:** PMAIP1

**Accession Number(s):** NP\_066950.1; NP\_001369544.1

**Human GeneID(s):** [5366](#)

### Immunogen

Peptide with sequence C-TQLRRFGDKLNFRQK, from the internal region of the protein sequence according to NP\_066950.1; NP\_001369544.1.

Please note the [peptide](#) is available for sale.

### Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

### Applications Tested

**Peptide ELISA:** antibody detection limit dilution 1:16000.

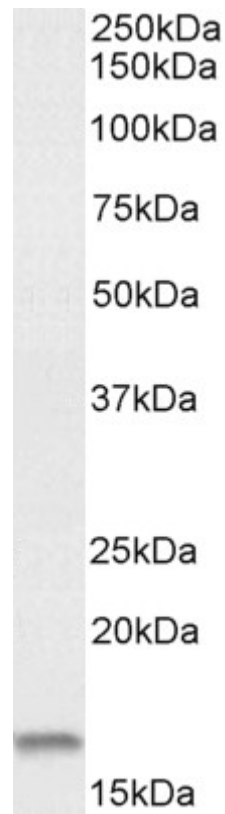
**Western blot:** Approx 16kDa band observed in Human Bone Marrow lysates and in lysates of cell line LNCaP and in preliminary testing of Human Cerebellum lysate and Peripheral blood monocyte cell lysate (calculated MW of 6.03kDa according to NP\_066950.1). This molecular weight is routinely observed by other sources. Recommended concentration: 0.3-1µg/ml. Primary incubation 1 hour at room temperature.

**Flow Cytometry:** Flow cytometric analysis of LNCaP cells. Recommended concentration: 10µg/ml.

### Species Reactivity

**Tested:** Human

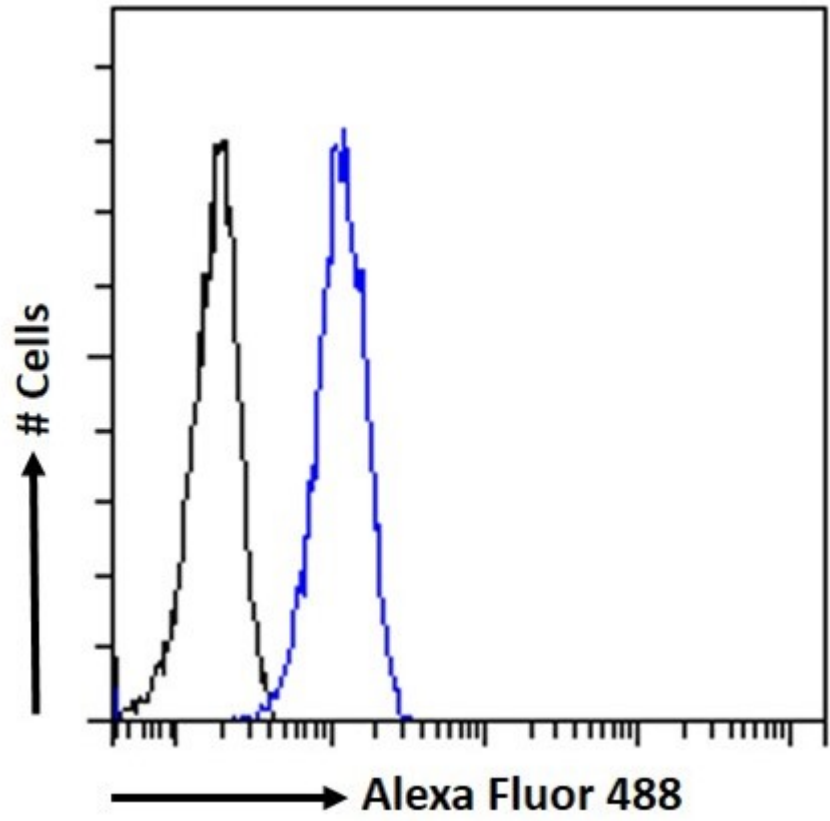
**Expected from sequence similarity:** Human



EB09119 (0.5 $\mu$ g/ml) staining of LNCaP cell lysate (35 $\mu$ g protein in RIPA buffer). Detected by chemiluminescence.



EB09119 (0.3 $\mu$ g/ml) staining of Human Bone Marrow lysate (35 $\mu$ g protein in RIPA buffer). Detected by chemiluminescence.



EB09119 Flow cytometric analysis of paraformaldehyde fixed LNCaP cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.