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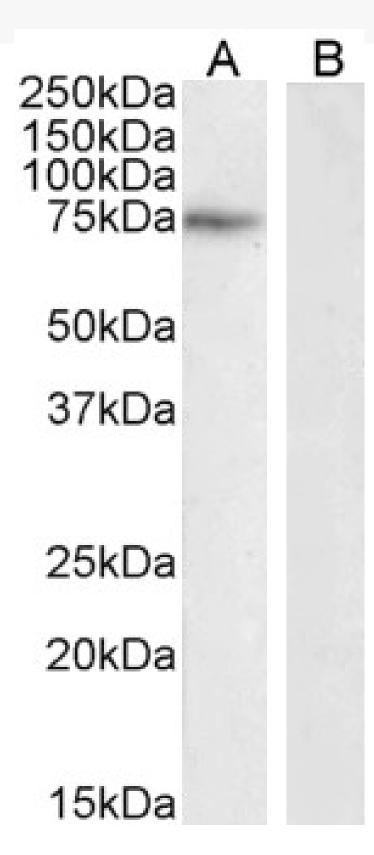
## **GOAT ANTI-GP91-PHOX / NOX2 ANTIBODY**

**SKU:** EB10581



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## **SPECIFICATIONS**

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

**Unit Size** 100 µg

Storage

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

**Alias** 

Synonym / heme-binding membrane glycoprotein gp91pho| cytochrome b558 subunit beta| cytochrome b-245 heavy chain| cytochrome b(558) subunit beta| CGD91-phox| p91-PHOX| NOX2| GP91PHOX| GP91-PHOX| GP91-1| CGD|

Names cytochrome b-245, beta polypeptide|CYBB

Accession

NP 000388.2

ID

**Blocking Peptide** 

EBP10581

**Immunogen** 

Peptide with sequence CDKQEFQDAWKLPK, from the internal region of the protein sequence according to

NP 000388.2.

**Peptide** 

**CDKQEFQDAWKLPK** 

Sequence

Purification Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography

Method using the immunizing peptide.

**Shipping** 

Refrigerated Instructions

**Predicted** 

**Species** 

Human, Mouse, Rat, Dog, Pig, Cow

Reactive

Human, Mouse **Species** 

Human

1536 Gene ID

Mouse

13058 **Gene ID** 

**Rat Gene ID** 66021

**Product** 

https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite\_medium.png

Grade **ELISA** 

**Detection** 

Western

Antibody detection limit dilution 1:8000.

Limit

Blot

Approx 75kDa band observed in lysates of cell line Daudi and in Mouse Spleen lysates (calculated MW of 65.3kDa according to Human NP 000388.2 and Mouse NP 031833.3). This band was successfully blocked by incubation with the mmunising peptide, and corresponds to the glycosylated form as described in the

literature (V. Munnamalai et al, 2014: PMID: 24702317 and J. Van Buul er al, 2005: PMID: 15706079)

Recommended concentration: 1-3µg/ml. Primary incubation 1 hour at room temperature.

**Application** 

**Type** 

Pep-ELISA, WB

## **GALLERY IMAGES**



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