

Anti-CYBB Antibody (80242)

Product Details

Ig Type:	mIgG2a
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	80242
Purification:	Affinity-chromatography

Applications

Verified Activity:	Immunofluorescence staining of hela cell with TMAH-00324 at 1:50, counter-stained with DAPI. The cells were fixed in 4% formaldehyde and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was FITC-conjugated AffiniPure Goat Anti-Mouse IgG(H+L).
Application:	ELISA, IF
Recommended	IF:1:50-1:200.

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein: Human CYBB Protein
Antigen Species:	Human
Gene ID:	1536
Uniprot ID:	P04839
Biology Area:	Cancer, Immunology, Metabolism

Research Background

Critical component of the membrane-bound oxidase of phagocytes that generates superoxide. It is the terminal component of a respiratory chain that transfers single electrons from cytoplasmic NADPH across the plasma membrane to molecular oxygen on the exterior. Also functions as a voltage-gated proton channel that mediates the H(+) currents of resting phagocytes. It participates in the regulation of cellular pH and is blocked by zinc.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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