

Anti-p67phox Antibody (8G365)

Product Details

Ig Type:	Rabbit IgG
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	8G365
Purification:	Protein A

Applications

Application:	ELISA
Recommended	ELISA: 1:5000-1:10000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. Preservative-Free.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein: Human NCF2 / NCF-2 / P67phox Protein (TMPY-03619)
Antigen Species:	Human
Synonyms:	neutrophil cytosolic factor 2;P67PHOX;NOXA2;NCF-2;P67-PHOX

Research Background

NCF2 (Neutrophil Cytosolic Factor 2, also known as NCF-2 and p67phox) is a Protein Coding gene. 4 alternatively spliced human isoforms have been reported. This gene encodes neutrophil cytosolic factor 2, the 67-kilodalton cytosolic subunit of the multi-protein NADPH oxidase complex found in neutrophils. This oxidase produces a burst of superoxide which is delivered to the lumen of the neutrophil phagosome. NCF2 belongs to the NCF2/NOXA1 family. NCF2, NCF1, and a membrane-bound cytochrome b558 are required for activation of the latent NADPH oxidase. Mutations in the NCF2 gene, as well as in other NADPH oxidase subunits, can result in chronic granulomatous disease, a disease that causes recurrent infections by catalase-positive organisms.

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481