

RecomAb™

NCF1 recombinant monoclonal antibody, clone R07-8J9

Catalog # RAB05613 Size 100 uL

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human NCF1.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against corresponding to human NCF1.
Theoretical MW (kDa)	Calculated MW: 45 kD
Reactivity	Human
Form	Liquid
Isotype	IgG
Recommend Usage	Immunoprecipitation (1/20) Western Blot (1/500-1/1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, 150mM NaCl, pH 7.4 (50% glycerol and 0.02% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot
- Immunoprecipitation

Gene Info — NCF1

Entrez GeneID	653361
Gene Name	NCF1
Gene Alias	FLJ79451, NCF1A, NOXO2, SH3PXD1A, p47phox
Gene Description	neutrophil cytosolic factor 1
Omim ID	233700 608512
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a 47 kDa cytosolic subunit of neutrophil NADPH oxidase. This oxidase is a multicomponent enzyme that is activated to produce superoxide anion. Mutations in this gene have been associated with chronic granulomatous disease. [provided by RefSeq]
Other Designations	NADPH oxidase organizer 2

Pathway

- [Chemokine signaling pathway](#)
- [Fc gamma R-mediated phagocytosis](#)
- [Leukocyte transendothelial migration](#)

Disease

- [Asthma](#)
- [Atherosclerosis](#)
- [Calcinosis](#)
- [Cerebral Infarction](#)
- [Coronary Artery Disease](#)
- [Genetic Predisposition to Disease](#)
- [Granulomatous Disease](#)

- [Lung Diseases](#)
- [Malaria](#)
- [Multiple Sclerosis](#)
- [Mycobacterium Infections](#)
- [Pneumonia](#)
- [Sarcoidosis](#)
- [Stroke](#)
- [Tuberculosis](#)