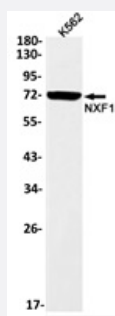


RecomAb™

# NXF1 recombinant monoclonal antibody, clone R05-1C3

Catalog # RAB04912      Size 100 uL

## Applications



### Western Blot (Cell lysate)

Western blot analysis of K562 lysates with NXF1 recombinant monoclonal antibody, clone R05-1C3 (Cat # RAB04912).

### Immunocytochemistry

Immunocytochemical staining of Jurkat using NXF1 recombinant monoclonal antibody, clone R05-1C3 (Cat # RAB04912)(green), and DAPI(blue).



## Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human NXF1.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human NXF1.
Theoretical MW (kDa)	70
Reactivity	Human
Form	Liquid

Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunocytochemistry (1:50-1:200) Immunofluorescence (1:50-1:200) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:50-1:100) Immunohistochemistry (Frozen sections) (1:50-1:100) Immunoprecipitation(1:20) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 50 mM Tris-Glycine, pH 7.4 (0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)
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 (Cell lysate)

Western blot analysis of K562 lysates with NXF1 recombinant monoclonal antibody, clone R05-1C3 (Cat # RAB04912).

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

- Immunohistochemistry (Frozen sections)

- Immunocytochemistry

Immunocytochemical staining of Jurkat using NXF1 recombinant monoclonal antibody, clone R05-1C3 (Cat # RAB04912) (green), and DAPI(blue).

- Immunofluorescence

- Immunoprecipitation

## Gene Info — NXF1

Entrez GeneID [10482](#)

Protein Accession# [Q9UBU9](#)

Gene Name	NXF1
Gene Alias	DKFZp667O0311, MEX67, TAP
Gene Description	nuclear RNA export factor 1
Omim ID	<a href="#">602647</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	<p>This gene is one member of a family of nuclear RNA export factor genes. Common domain features of this family are a noncanonical RNP-type RNA-binding domain (RBD), 4 leucine-rich repeats (LRRs), a nuclear transport factor 2 (NTF2)-like domain that allows heterodimerization with NTF2-related export protein-1 (NXT1), and a ubiquitin-associated domain that mediates interactions with nucleoporins. The LRRs and NTF2-like domains are required for export activity. Alternative splicing seems to be a common mechanism in this gene family. The encoded protein of this gene shuttles between the nucleus and the cytoplasm and binds in vivo to poly(A)+ RNA. It is the vertebrate homologue of the yeast protein Mex67p. The encoded protein overcomes the mRNA export block caused by the presence of saturating amounts of CTE (constitutive transport element) RNA of type D retroviruses. Alternative splicing results in multiple transcript variants. [provided by RefSeq]</p>
Other Designations	tip associating protein