# NBR1 Monoclonal Antibody

Catalog Number: E-AB-22148

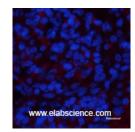


Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description	
Reactivity	Human,Mouse,Rat
Immunogen	Recombinant Protein of NBR1
Host	Mouse
Isotype	IgG
Clone	Clone:4C6
Purification	Protein A purification
Conjugation	Unconjugated
Formulation	PBS with 0.02% sodium azide and 50% glycerol pH 7.4.
Applications	Recommended Dilution
IHC	1:50-300
IF	1:50-1:200
Data	

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Immunohistochemistry of paraffin-embedded Rat lung tissue using NBR1 Monoclonal Antibody at dilution of 1:200.



Immunofluorescence analysis of Rat spleen tissue using NBR1 Monoclonal Antibody at dilution of 1:200.

## **Preparation & Storage**

Storage

Store at -20°C. Avoid freeze / thaw cycles.

### Background

The protein encoded by this gene was originally identified as an ovarian tumor antigen monitored in ovarian cancer. The encoded protein contains a B-box/coiled-coil motif, which is present in many genes with transformation potential. It functions as a specific autophagy receptor for the selective autophagic degradation of peroxisomes by forming intracellular inclusions with ubiquitylated autophagic substrates. This gene is located on a region of chromosome 17q21.1 that is in close proximity to the BRCA1 tumor suppressor gene. Alternative splicing of this gene results in multiple transcript variants.NBR1 (NBR1, Autophagy Cargo Receptor) is a Protein Coding gene. Diseases associated with NBR1 include Inclusion Body Myositis and Synucleinopathy. Among its related pathways are Mitophagy - animal. GO annotations related to this gene include ubiquitin binding and mitogen-activated protein kinase binding.

## For Research Use Only

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