Anti-DDX58 Rabbit Monoclonal Antibody

Introduction

Retinoic acid inducible gene I (RIG-I) is a 925 amino acid, interferon-inducible cellular DExD/H box RNA helicase that activates type I interferon (IFN), an important effector of the innate immune system that is sensitive to these dsRNA viruses. dsRNA is normally present in very low quantities in cells, so when a virus is present, the elevated levels of dsRNA act as a sign telling RIG-I to activate the production of IFN.

Product parameters

Alternative Names	RIG-I-like receptor 1; RLR-1; RLR1; Retinoic acid-inducible gene 1 protein; RIG-1; RIG1; RIG-I; RIGI
Gene ID	23586
Gene Name	DDX58
SwissProt ID	O95786
Host	Rabbit
Reactivity	Human
Molecular Weight	Calculated MW: 107 kDa; Observed MW: 107 kDa
Conjugation	Unconjugated
Ex	-
Em	-
Modification	Unmodified
Clonality	IgG
Isotype	Monoclonal Antibody
Clonality No.	AP-20D6H2
Form	Liquid
Concentration	See label
Carrier	Carrier Free
Immunogen	A synthesized peptide derived from human DDX58
Purification	Affinity Chromatography
Buffer System	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Application	WB, IP
Dilution Ratio	WB: 1/500-1/1000 IP: 1/50
Research Field	Epigenetics and Nuclear Signaling
Product Categories	Primary antibody

Shipping	Blue ice
Storage	-20°C
Expiration Date	12 months
Note	Please avoid freeze-thaw cycles.

Protocol

Configure the product according to the application range and recommended dilution ratio.

***Note:** The primary antibody dilution buffer options: WB - Primary Antibody Dilution Buffer (Cat. #: K1200, Not for HRP/AP conjugated antibodies), Immunostaining - Immunol Staining Primary Antibody Dilution Solution (Cat. #: K4655).

Note

1. This product is for scientific research use only.

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