

For Research Use Only

DDX60 Recombinant antibody

Catalog Number: 82969-4-RR



Basic Information

Catalog Number:

82969-4-RR

Size:

1000 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG34406

GenBank Accession Number:

BC038115

GeneID (NCBI):

55601

UNIPROT ID:

Q8IY21

Full Name:

DEAD (Asp-Glu-Ala-Asp) box polypeptide 60

Calculated MW:

1712 aa, 198 kDa

Observed MW:

170-200 kDa

Purification Method:

Protein A purification

CloneNo.:

230293G10

Recommended Dilutions:

IHC 1:50-1:500

Applications

Tested Applications:

IHC, FC (Intra), ELISA

Species Specificity:

human

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

IHC : human lung cancer tissue,

Background Information

DDX60, also called FLJ20035, is an IFN-inducible gene that has been identified via a microarray analysis of genes induced by viral infection in human dendritic cells (DCs). DDX60 expression correlated strongly with immune checkpoint and immune system-related metagene clusters, and DDX60 promoted cell proliferation, migration, and invasion and was related to poor prognosis and immune resistance (PMID: 37274827). Involved in RIG-I-dependent and independent innate immune responses, DDX60 has been proven to be associated with the development of tumors.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

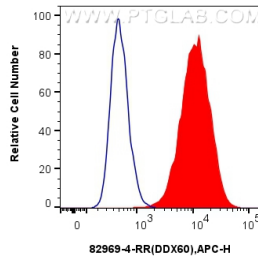
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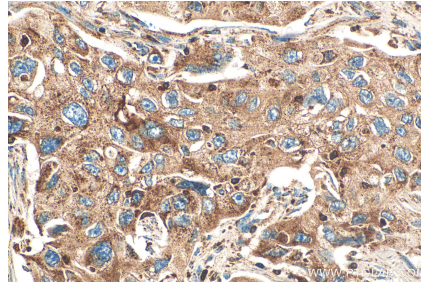
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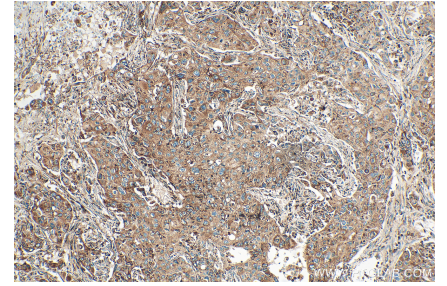
Selected Validation Data



1x10⁶ A431 cells were intracellularly stained with 0.25 ug Anti-Human DDX60 (82969-4-RR, Clone:230293G10) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)(red), or 0.25 ug Rabbit IgG control Rabbit PolyAb (30000-O-AP) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 82969-4-RR (DDX60 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 82969-4-RR (DDX60 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).