

DGCR8 monoclonal antibody

Catalog: MB10830

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Component of the microprocessor complex that is required to process primary miRNA transcripts (pri-miRNAs) to release precursor miRNA (pre-miRNA) in the nucleus. Within the microprocessor complex, DGCR8 function as a molecular anchor necessary for the recognition of pri-miRNA at dsRNA-ssRNA junction and directs DROSHA to cleave 11 bp away from the junction to release hairpin-shaped pre-miRNAs that are subsequently cut by the cytoplasmic DICER to generate mature miRNAs.

Product:

50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA

Molecular Weight:

Calculated MW: 86 kDa; Observed MW: 120 kDa

Swiss-Prot:

Q8WYQ5

Purification&Purity:

Affinity Purified

Applications:

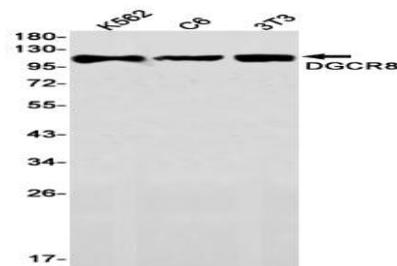
WB: 1/500-1/1000 IF: 1/50-1/200 IP: 1/20

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Isotype:

IgG

DATA:

Immunocytochemistry analysis of DGCR8 in K562 using DGCR8 antibody, and DAPI.

Western blot analysis of DGCR8 in K562, C6, 3T3 lysates using DGCR8 antibody.

Note:

For research use only, not for use in diagnostic procedure.

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