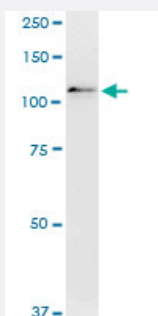


DGCR8 monoclonal antibody (M01), clone 4G3

Catalog # H00054487-M01

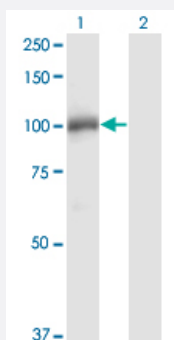
Size 100 ug

Applications



Western Blot (Tissue lysate)

DGCR8 monoclonal antibody (M01), clone 4G3. Western Blot analysis of DGCR8 expression in human spleen.

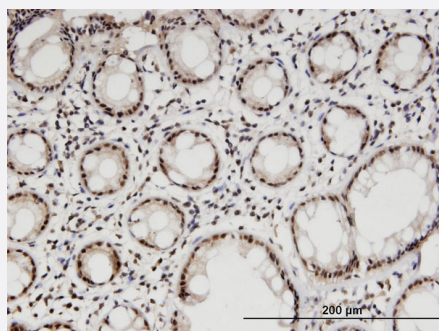


Western Blot (Transfected lysate)

Western Blot analysis of DGCR8 expression in transfected 293T cell line by DGCR8 monoclonal antibody (M01), clone 4G3.

Lane 1: DGCR8 transfected lysate (Predicted MW: 86 KDa).

Lane 2: Non-transfected lysate.

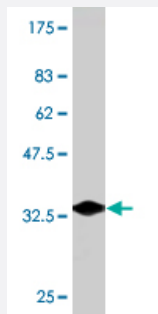
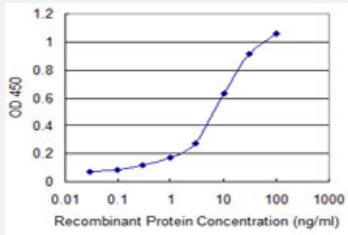


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to DGCR8 on formalin-fixed paraffin-embedded human colon. [antibody concentration 6 ug/ml]

Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged DGCR8 is 0.1 ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.41 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant DGCR8.
Immunogen	DGCR8 (NP_073557, 675 a.a. ~ 771 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	LASQKILQLLHPHVKNWGSLLRMYGRESSKMVKQETSDKSVIELQQYAKKNKPNLHLSKLQEEM KRLAEEREETRKKPKMSIVASAQPGGEPLCTV
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (95); Rat (94)
Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.41 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

DGCR8 monoclonal antibody (M01), clone 4G3. Western Blot analysis of DGCR8 expression in human spleen.

[Protocol Download](#)

- Western Blot (Transfected lysate)

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Lane 1: DGCR8 transfected lysate (Predicted MW: 86 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

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

Immunoperoxidase of monoclonal antibody to DGCR8 on formalin-fixed paraffin-embedded human colon. [antibody concentration 6 ug/ml]

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged DGCR8 is 0.1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — DGCR8

Entrez GeneID	54487
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GeneBank Accession#	NM_022720
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Protein Accession#	NP_073557
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Gene Name	DGCR8
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Gene Alias	C22orf12, DGCRK6, Gy1
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Gene Description	DiGeorge syndrome critical region gene 8
Omim ID	609030
Gene Ontology	Hyperlink
Other Designations	-

Publication Reference

- [Predominant Distribution of the RNAi Machinery at Apical Adherens Junctions in Colonic Epithelia Is Disrupted in Cancer.](#)

Nair-Menon J, Daulagala AC, Connor DM, Rutledge L, Penix T, Bridges MC, Wellslager B, Spyropoulos DD, Timmers CD, Broome AM, Kourtidis A.

International Journal of Molecular Sciences 2020 Apr; 21(7):E2559.

Application: IF, Human, Caco2, HT-29, DLD-1, LS174T, HCT116 cells

Disease

- [Adenocarcinoma](#)
- [Carcinoma](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)
- [Kidney Neoplasms](#)
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