

Product Datasheet

DGCR8 Antibody (4G3) - Azide and BSA Free H00054487-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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H00054487-M01

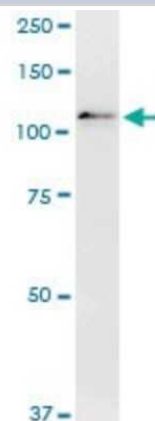
DGCR8 Antibody (4G3) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	4G3
Preservative	No Preservative
Isotype	IgG2b Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Host	Mouse
Gene ID	54487
Gene Symbol	DGCR8
Species	Human
Specificity/Sensitivity	DGCR8 - DiGeorge syndrome critical region gene 8 (4G3)
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. LASQKILQLLHPHVKNWGSLLRMYGRESSKMKVQETSDKSVIELQQYAKKNKP NLHILSKLQEEMKRLAEEREETRKKPKMSIVASAQPGGEPLCTV
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin
Application Notes	Antibody Reactive Against Recombinant Protein with GST tag on ELISA and Western Blot. GST tag alone is used as a negative control.

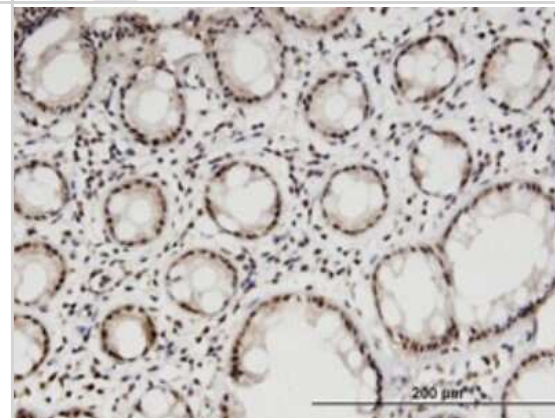


Images

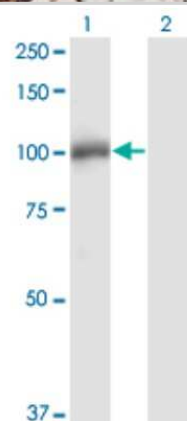
Western Blot: DGCR8 Antibody (4G3) [H00054487-M01] - DGCR8 monoclonal antibody (M01), clone 4G3. Analysis of DGCR8 expression in human spleen.



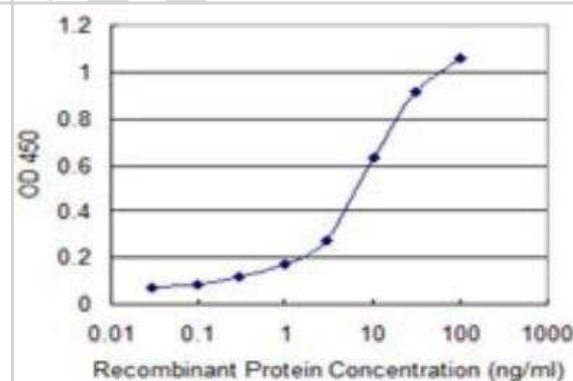
Immunohistochemistry-Paraffin: DGCR8 Antibody (4G3) [H00054487-M01] - Analysis of monoclonal antibody to DGCR8 on formalin-fixed paraffin-embedded human colon. Antibody concentration 6 ug/ml.



Western Blot: DGCR8 Antibody (4G3) [H00054487-M01] - 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.



ELISA: DGCR8 Antibody (4G3) [H00054487-M01] - Detection limit for recombinant GST tagged DGCR8 is 0.1 ng/ml as a capture antibody.



Publications

Nair-Menon J, Daulagala A, Connor D et al. Predominant Distribution of the RNAi Machinery at Apical Adherens Junctions in Colonic Epithelia Is Disrupted in Cancer. *Int J Mol Sci.* 2020-04-07 [PMID: 32272708]



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Products Related to H00054487-M01

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43317-0.5mg	Mouse IgG2b Kappa Light Chain Isotype Control (MG2b)
H00054487-Q01-10ug	Recombinant Human DGCR8 GST (N-Term) Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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