

Product Datasheet

EGR1 Antibody (6E8) - Azide and BSA Free H00001958-M03

Unit Size: 0.1 mg

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

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H00001958-M03

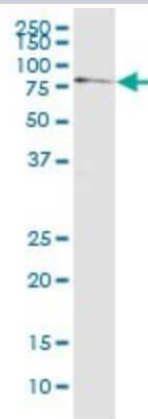
EGR1 Antibody (6E8) - Azide and BSA Free

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	6E8
Preservative	No Preservative
Isotype	IgG2a Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	1958
Gene Symbol	EGR1
Species	Human, Mouse, Rat, Rabbit
Reactivity Notes	Rabbit reactivity reported in scientific literature.
Specificity/Sensitivity	EGR1 - early growth response 1
Immunogen	EGR1 (NP_001955, 444 a.a. ~ 543 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. SPVATSYSPVTTTSYPSPATTSYPSPVPTSFSSPGSSSTYPSPVHSGFPSPSVAT TYSSVPPAFPAQVSSFPSSAVTNSFSASTGLSDMTATFSPRTIEIC
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 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500
Application Notes	Antibody reactivity against cell lysate and recombinant protein for WB. It has also been used for IF, IHC-P and ELISA.

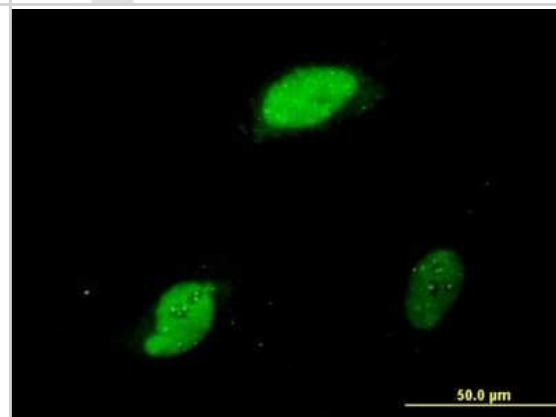


Images

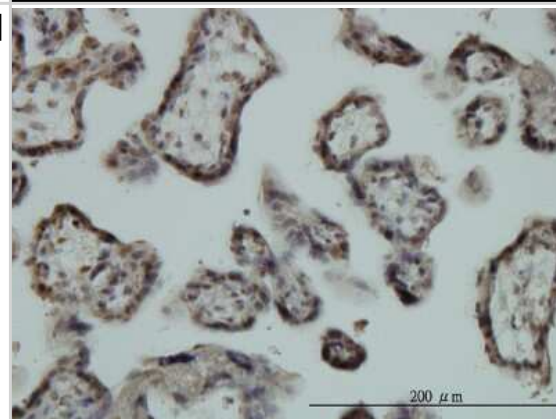
Western Blot: EGR1 Antibody (6E8) [H00001958-M03] - EGR1 monoclonal antibody (M03), clone 6E8. Western Blot analysis of EGR1 expression in PC-12.



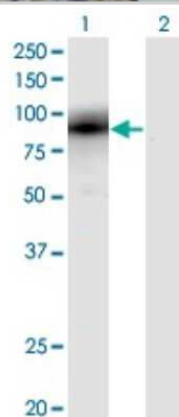
Immunocytochemistry/Immunofluorescence: EGR1 Antibody (6E8) [H00001958-M03] - Analysis of monoclonal antibody to EGR1 on HeLa cell. Antibody concentration 10 ug/ml



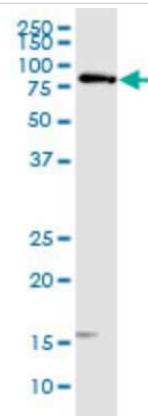
Immunohistochemistry-Paraffin: EGR1 Antibody (6E8) [H00001958-M03] - Analysis of monoclonal antibody to EGR1 on formalin-fixed paraffin-embedded human placenta. Antibody concentration 3 ug/ml



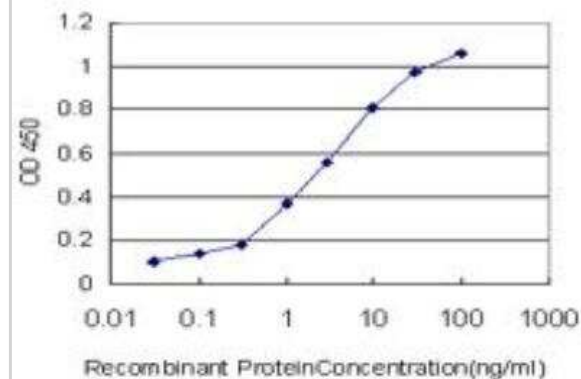
Western Blot: EGR1 Antibody (6E8) [H00001958-M03] - Analysis of EGR1 expression in transfected 293T cell line by EGR1 monoclonal antibody (M03), clone 6E8. Lane 1: EGR1 transfected lysate (59.73 KDa). Lane 2: Non-transfected lysate.



Western Blot: EGR1 Antibody (6E8) [H00001958-M03] - EGR1 monoclonal antibody (M03), clone 6E8. Western Blot analysis of EGR1 expression in Raw 264.7.



ELISA: EGR1 Antibody (6E8) [H00001958-M03] - Detection limit for recombinant GST tagged EGR1 is approximately 0.1ng/ml as a capture antibody.



Publications

You J, Wu Q, Li Y et al. Lentinan induces apoptosis of mouse hepatocellular carcinoma cells through the EGR1/PTEN/AKT signaling axis *Oncology reports* 2023-07-01 [PMID: 37264970] (ICC/IF, Mouse)

Cao JW, Tang ZB, Zhao JW et al. LncRNA nuclear-enriched abundant transcript 1 aggravates cerebral ischemia/reperfusion injury through activating early growth response-1/RNA binding motif protein 25 axis *Journal of neurochemistry* 2022-08-23 [PMID: 35997641]

Lasham A, Mehta SY, Fitzgerald SJ et al. A novel EGR-1 dependent mechanism for YB-1 modulation of paclitaxel response in a triple negative breast cancer cell line. *Int J Cancer* 2016-04-12 [PMID: 27072400]

Bupha-Intr T, Holmes JW, Janssen PM. Induction of hypertrophy in vitro by mechanical loading in adult rabbit myocardium. *Am J Physiol Heart Circ Physiol*;293(6):H3759-67. 2007-12-01 [PMID: 17933962] (WB, Rabbit)



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Products Related to H00001958-M03

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)
H00001958-Q01-10ug	Recombinant Human EGR1 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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