

# Product Datasheet

## engrailed homeobox 2 Antibody (1E1) - Azide and BSA Free H00002020-M03

Unit Size: 0.1 mg

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

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### Publications: 1

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**H00002020-M03**

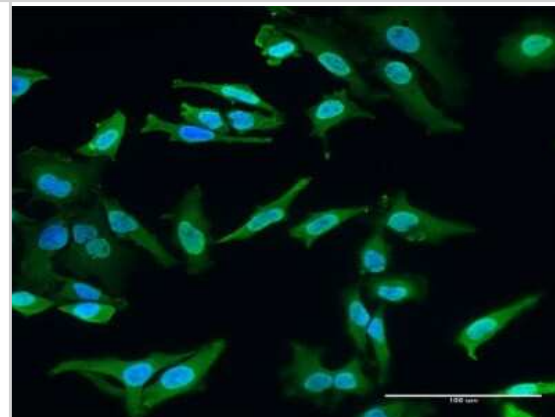
engrailed homeobox 2 Antibody (1E1) - Azide and BSA Free

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	1E1
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	2020
Gene Symbol	EN2
Species	Human
Specificity/Sensitivity	EN2 - engrailed homolog 2 (1E1)
Immunogen	EN2 (NP_001418.2, 86 a.a. ~ 210 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. GTCCAGAGGGGRGGGAGGEGGASGAEGGGGAGGSEQLLGSGSREPRQNPP CAPGAGGPLPAAGSDSPGDGEGGSKTSLHGGAKKGGDPGGPLDGSLKARG LGGGDLVSSDSDSSQAGANLGAQP
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Sandwich ELISA
Recommended Dilutions	Western Blot 1:500, ELISA, Immunocytochemistry/ Immunofluorescence, Sandwich ELISA
Application Notes	Antibody reactivity against Recombinant Protein with GST tag on ELISA and WB. GST tag alone is used as a negative control.

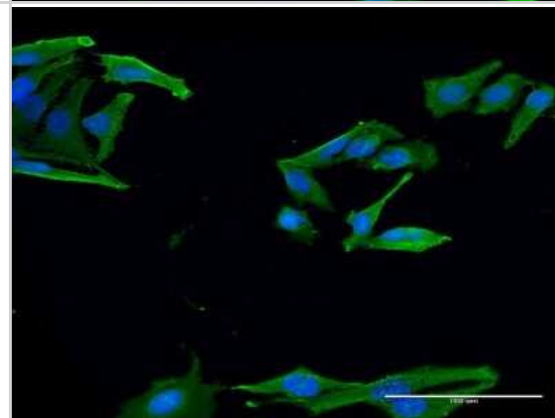


## Images

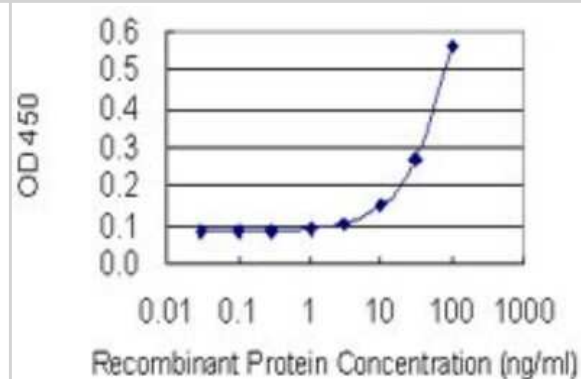
Immunocytochemistry/Immunofluorescence: engrailed homeobox 2 Antibody (1E1) [H00002020-M03] - Immunofluorescence of monoclonal antibody to engrailed homeobox 2 on HeLa cell. [antibody concentration 40 ug/ml]



Immunocytochemistry/Immunofluorescence: engrailed homeobox 2 Antibody (1E1) [H00002020-M03] - Analysis of monoclonal antibody to EN2 on HeLa cell. Antibody concentration 40 ug/ml



Sandwich ELISA: engrailed homeobox 2 Antibody (1E1) [H00002020-M03] - Detection limit for recombinant GST tagged EN2 is 3 ng/ml as a capture antibody.



## Publications

Eunseon K, Minji K, Changill B et al. Aptamer-antibody hybrid ELONA that uses hybridization chain reaction to detect a urinary biomarker EN2 for bladder and prostate cancer. Sci Rep. 2022-06-27 [PMID: 35798816]



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### **Products Related to H00002020-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)
H00002020-Q01-10ug	Recombinant Human engrailed homeobox 2 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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