

Product Datasheet

HEY1 Antibody (3B3) - Azide and BSA Free H00023462-M01

Unit Size: 0.1 mg

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

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H00023462-M01

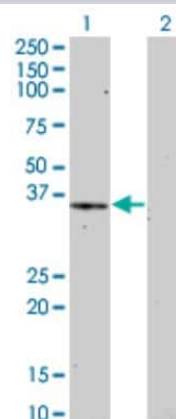
HEY1 Antibody (3B3) - Azide and BSA Free

| 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 | 3B3 |
| Preservative | No Preservative |
| Isotype | IgG2a Kappa |
| Purity | IgG purified |
| Buffer | In 1x PBS, pH 7.4 |
| Product Description | |
| Host | Mouse |
| Gene ID | 23462 |
| Gene Symbol | HEY1 |
| Species | Human |
| Specificity/Sensitivity | hairy/enhancer-of-split related with YRPW motif 1 |
| Immunogen | HEY1 (NP_036390, 121 a.a. ~ 220 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. DYRSLGFRECLAEVARYLSIIIEGLDASDPLRVRLVSHLNNYASQREAASGAHAG LGHIPWGTVFGHHPHIAHPLLLPQNGHGNAGTTASPTEPHHQGRLG |
| Notes | This product is produced by and distributed for Abnova, a company based in Taiwan. |
| Product Application Details | |
| Applications | Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence |
| Recommended Dilutions | Western Blot 1:500, ELISA, Immunocytochemistry/ Immunofluorescence |
| Application Notes | Antibody reactive against transfected lysate and recombinant protein for western blot. It has also been used for ELISA. |

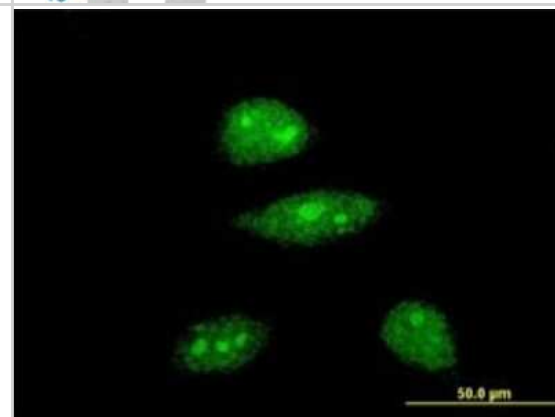


Images

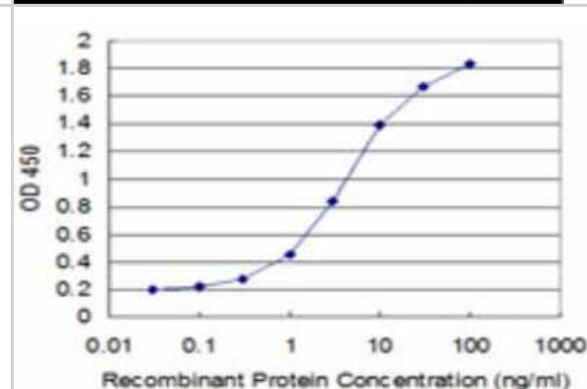
Western Blot: HEY1 Antibody (3B3) [H00023462-M01] - analysis of HEY1 expression in transfected 293T cell line by HEY1 monoclonal antibody (M01), clone 3B3. Lane 1: HEY1 transfected lysate (32.613 KDa). Lane 2: Non-transfected lysate.



Immunocytochemistry/Immunofluorescence: HEY1 Antibody (3B3) [H00023462-M01] - Analysis of monoclonal antibody to HEY1 on HeLa cell . Antibody concentration 10 ug/ml.



ELISA: HEY1 Antibody (3B3) [H00023462-M01] - Detection limit for recombinant GST tagged HEY1 is approximately 0.3ng/ml as a capture antibody.



Publications

Hrstka SC, Li X, Nelson TJ. et al. NOTCH1-dependent nitric oxide signaling deficiency in hypoplastic left heart syndrome revealed through patient-specific phenotypes detected in bioengineered cardiogenesis. *Stem Cells*. 2017-01-01 [PMID: 28142228] (WB, Human)

Tsuru A, Setoguchi T, Matsunoshita Y et al. Hairy/enhancer-of-split related with YRPW motif protein 1 promotes osteosarcoma metastasis via matrix metalloproteinase 9 expression. *Br J Cancer*. 2015-03-05 [PMID: 25742474]



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Products Related to H00023462-M01

| | |
|--------------------|---|
| 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) |
| H00023462-P01-10ug | Recombinant Human HEY1 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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