

Product Datasheet

BAMBI/NMA Antibody (3C1-1D1) - Azide and BSA Free H00025805-M01

Unit Size: 0.1 mg

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

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H00025805-M01

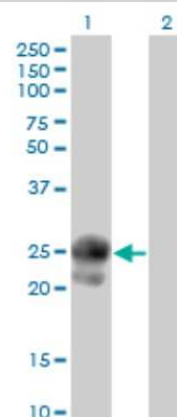
BAMBI/NMA Antibody (3C1-1D1) - Azide and BSA Free

| 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 | 3C1-1D1 |
| Preservative | No Preservative |
| Isotype | IgG1 Kappa |
| Purity | IgG purified |
| Buffer | In 1x PBS, pH 7.4 |
| Product Description | |
| Host | Mouse |
| Gene ID | 25805 |
| Gene Symbol | BAMBI |
| Species | Human, Mouse |
| Reactivity Notes | Other species not tested. |
| Specificity/Sensitivity | BAMBI - BMP and activin membrane-bound inhibitor homolog (<i>Xenopus laevis</i>) |
| Immunogen | BAMBI (AAH19252, 1 a.a. ~ 260 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MDRHSSYIFIWLQLELCAMAVLLTKGEIRCYCDAAHCVATGYMCKSELSACFSR LLDPQNSNSPLTHGCLDSLASTTDICQAKQARNHSGTTIPTLECCHEDMCNYR GLHDVLSPPRGEASGQGNRYQHDGSRNLITKVQELTSSKELWFRAAVIAVPIA GGLTLVLLIMLALRMLRSENKRLQDQRQQMLSRHYSFHGHHSKKGQVAKLDL ECMVPVSGHENCCLTCDKMRQADLSNDKILSLVHWGMYSGHGKLEFV |
| 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-Frozen, Immunohistochemistry-Paraffin |
| Recommended Dilutions | Western Blot 1:500, ELISA 1:100-1:2000, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen |
| Application Notes | Antibody reactive against cell lysate and recombinant protein for western blot. It has also been used for ELISA. |

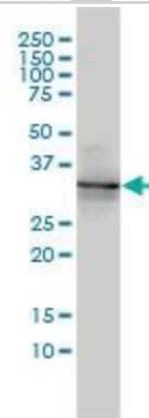


Images

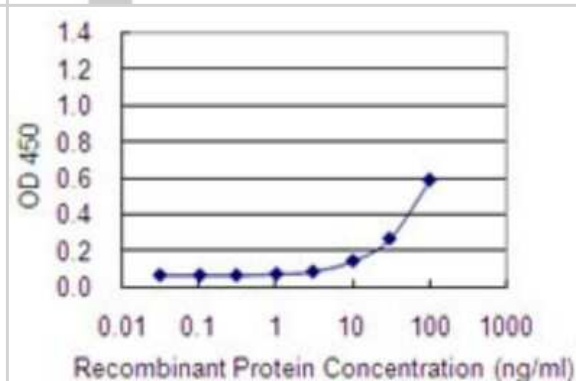
Western Blot: BAMBI/NMA Antibody (3C1-1D1) [H00025805-M01] - Analysis of BAMBI expression in transfected 293T cell line by BAMBI monoclonal antibody (M01), clone 3C1-1D1. Lane 1: BAMBI transfected lysate (29.1 KDa). Lane 2: Non-transfected lysate.



Western Blot: BAMBI/NMA Antibody (3C1-1D1) [H00025805-M01] - BAMBI monoclonal antibody (M01), clone 3C1-1D1 Western Blot analysis of BAMBI expression in K-562 (Cat # L009V1).



ELISA: BAMBI/NMA Antibody (3C1-1D1) [H00025805-M01] - Detection limit for recombinant GST tagged BAMBI is 3 ng/ml as a capture antibody.



Publications

Hernandez H, Millar JC, Curry SM et al. BMP and Activin Membrane Bound Inhibitor Regulates the Extracellular Matrix in the Trabecular Meshwork. Invest Ophthalmol Vis Sci 2018-04-01 [PMID: 29801150]

Tovar-Vidales T, Fitzgerald AM, Clark AF. Human trabecular meshwork cells express BMP antagonist mRNAs and proteins. Exp Eye Res 2016-05-07 [PMID: 27167364]

Wanninger J, Neumeier M, Bauer S et al. Adiponectin induces the transforming growth factor decoy receptor BAMBI in human hepatocytes. FEBS Lett. 2011-04-07 [PMID: 21496456]

Xavier S, Gilbert V, Rastaldi MP et al. BAMBI is expressed in endothelial cells and is regulated by lysosomal/autolysosomal degradation. PLoS One 5(9). 2010-09-24 [PMID: 20886049]

Pils D, Wittinger M, Petz M et al. BAMBI is overexpressed in ovarian cancer and co-translocates with Smads into the nucleus upon TGF-ss treatment. Gynecol Oncol. 2010-02-25 [PMID: 20189233]

Tramullas M, Lantero A, Diaz A et al. BAMBI (bone morphogenetic protein and activin membrane-bound inhibitor) reveals the involvement of the transforming growth factor-beta family in pain modulation. J Neurosci 30(4):1502-11. 2010-01-27 [PMID: 20107078]



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Products Related to H00025805-M01

| | |
|------------------|---|
| HAF007 | Goat anti-Mouse IgG Secondary Antibody [HRP] |
| NB720-B | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP1-43319-0.5mg | Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1) |
| NBP2-58990PEP | BAMBI/NMA Recombinant Protein Antigen |

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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