



Datasheet for ABIN722438
anti-His Tag antibody



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2 Images

16 Publications

Overview

Quantity:	100 µL
Target:	His Tag
Reactivity:	Tag, Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This His Tag antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	KLH conjugated HHHHHH peptide
Sequence:	HHHHHH
Clone:	2D5
Isotype:	IgG
Cross-Reactivity:	Human, Tag
Cross-Reactivity (Details):	HHHHHH tag
Characteristics:	Antibody is specific for: HHHHHH tag
Purification:	Purified by Protein G.

Target Details

Target:	His Tag
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Target Details

Abstract:	His Tag Products
Target Type:	Tag
Background:	<p>Synonyms: HisX6, 6His, His Tag, 6 His epitope tag, Hexa His tag, HHHHHH epitope tag, HHHHHH tag, 6 HIS-TAG, 6 HIS TAG, 6-HIS-TAG, Histidine.</p> <p>Background: The H-H-H-H-H-H motif is used as a tag on many recombinant proteins to facilitate purification. The antibody recognizes the His-tag fused to the amino- or carboxy-termini of targeted proteins in transfected or transformed cells.</p>

Application Details

Application Notes:	WB 1:300-5000 IHC-P 1:200-400 IF(IHC-P) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

Publications

Product cited in:	Li, Hu: "C5a of Cynoglossus semilaevis has anaphylatoxin-like properties and promotes antibacterial and antiviral defense." in: Developmental and comparative immunology , Vol. 60, pp. 139-48, (2016) (PubMed).
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Gao, Han, Deng, Hu, Zhen, Li, Qin, Yan, Wu, Liu, Zhao, Pang: "The role of a novel C-type lectin-like protein from planarian in innate immunity and regeneration." in: **Developmental and comparative immunology**, Vol. 67, pp. 413-426, (2016) ([PubMed](#)).

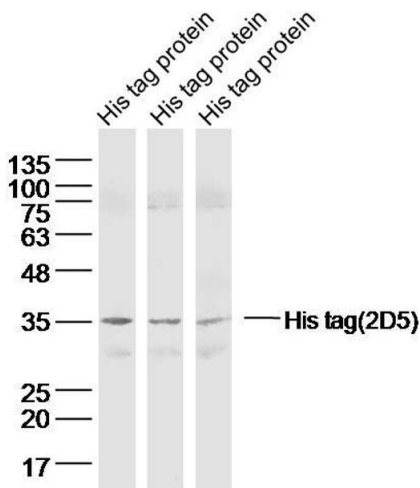
Li, Li, Sun: "CsMAP34, a teleost MAP with dual role: A promoter of MASP-assisted complement activation and a regulator of immune cell activity." in: **Scientific reports**, Vol. 6, pp. 39287, (2016) ([PubMed](#)).

Zhou, Sun: "CsCTL1, a teleost C-type lectin that promotes antibacterial and antiviral immune defense in a manner that depends on the conserved EPN motif." in: **Developmental and comparative immunology**, Vol. 50, Issue 2, pp. 69-77, (2015) ([PubMed](#)).

Wang, Ren, Pan, Liu, Zhang: "Enhanced tolerance and remediation to mixed contaminants of PCBs and 2,4-DCP by transgenic alfalfa plants expressing the 2,3-dihydroxybiphenyl-1,2-dioxygenase." in: **Journal of hazardous materials**, Vol. 286, pp. 269-75, (2015) ([PubMed](#)).

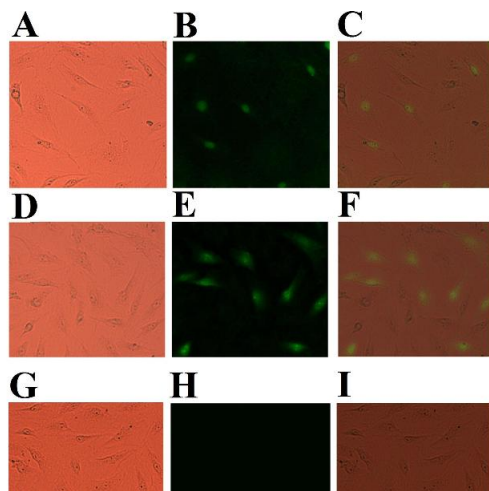
There are more publications referencing this product on: [Product page](#)

Images



Western Blotting

Image 1. Lane 1-3: His Tagged protein lysates probed with His tag (2D5) Monoclonal Antibody at 1:300 overnight at 4°C. Followed by a conjugated secondary antibody at 1:5000 for 90 min at 37°C.



Immunofluorescence (Cultured Cells)

Image 2. Indirect immunofluorescence analysis of the expression of His-tagged P247 and P523 in GF cells transfected with pCN247 and pCN523. pCN247 (A and B), pCN523 (D and E), and pCN3 (G and H) transfectants were incubated with mouse anti-His monoclonal antibody and then with FITC-labeled goat anti-mouse antibody. The cells were observed under a microscope with (B, E, and H) or without (A, D, and G) fluorescence. Panels C, F, and I are merges of A and B, D and E, and G and H respectively. Magnification, 25 x 5. - figure provided by CiteAb. Source: PMID25815484