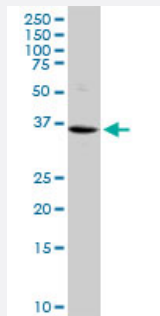


VASH1 monoclonal antibody (M05), clone 4A3

Catalog # H00022846-M05

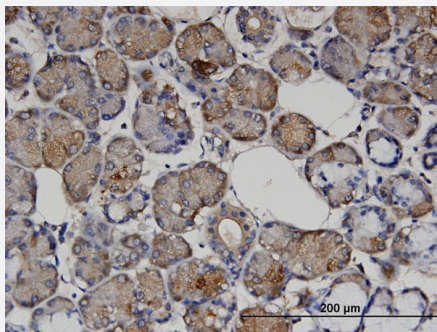
Size 100 ug

Applications



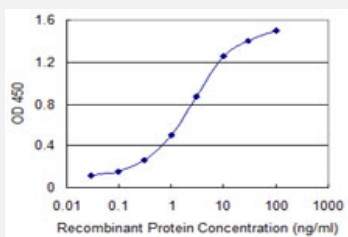
Western Blot (Cell lysate)

VASH1 monoclonal antibody (M05), clone 4A3. Western Blot analysis of VASH1 expression in HepG2 (Cat # L019V1).



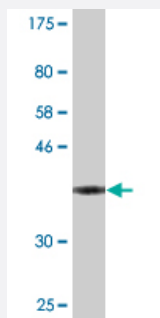
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to VASH1 on formalin-fixed paraffin-embedded human salivary gland. [antibody concentration 3 ug/ml]



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged VASH1 is 0.03 ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.52 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant VASH1.
Immunogen	VASH1 (NP_055724, 3 a.a. ~ 100 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	GGKKVAGGGSSGATPTSAAATAPSGVRRLETSEGSAQRDEEPEEEGEEDLRDGGVPFFVNR GGLPVDEATWERMWKHVAKIHPDGEKVAQRIRGATD
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (86); Rat (81)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.52 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

VASH1 monoclonal antibody (M05), clone 4A3. Western Blot analysis of VASH1 expression in HepG2(Cat # L019V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to VASH1 on formalin-fixed paraffin-embedded human salivary gland. [antibody concentration 3 ug/ml]

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged VASH1 is 0.03 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — VASH1

Entrez GeneID	22846
GeneBank Accession#	NM_014909
Protein Accession#	NP_055724
Gene Name	VASH1
Gene Alias	KIAA1036
Gene Description	vasohibin 1
Omim ID	609011
Gene Ontology	Hyperlink
Other Designations	-

Publication Reference

- [Tregs are involved in VEGFA/VASH1-related angiogenesis pathway in ovarian cancer.](#)

Sijing Qiao, Yue Hou, Qing Rong, Bing Han, Peishu Liu.

Translational Oncology 2023 Jun; 32:101665.

Application: IHC-P, Human, Human ovarian cancer

- [Clinicopathological Role of Vasohibin in Gastroenterological Cancers: A Meta-Analysis.](#)

Miho Yamamoto, Soji Ozawa, Kazuo Koyanagi, Yamato Ninomiya, Hitoshi Hara, Akihito Kazuno, Kentaro Yatabe, Tadashi Higuchi, Kenji Nakamura, Kazuhito Nabeshima, Yasufumi Sato.

The Tohoku Journal of Experimental Medicine 2022 Apr; 256(4):291.

Application: IHC, Human, Human colorectal carcinoma, Human esophageal carcinoma, Human hepatocellular carcinoma

- [Keratin 19 as a key molecule in progression of human hepatocellular carcinomas through invasion and angiogenesis.](#)

Takano M, Shimada K, Fujii T, Morita K, Takeda M, Nakajima Y, Nonomura A, Konishi N, Obayashi C.

BMC Cancer 2016 Nov; 16(1):903.

Application: IHC-P, Human, Human hepatocellular carcinoma

- [Vasohibin-1 increases the malignant potential of colorectal cancer and is a biomarker of poor prognosis.](#)

Kitajima T, Toiyama Y, Tanaka K, Saigusa S, Kobayashi M, Inoue Y, Mohri Y, Kusunoki M.

Anticancer Research 2014 Oct; 34(10):5321.

Application: IHC-P, WB-Tr, Human, Colorectal cancer, Caco2, DLD1, HT29, LoVo, SW480 cells

- [Upregulation of vasohibin-1 expression with angiogenesis and poor prognosis of hepatocellular carcinoma after curative surgery.](#)

Wang Q, Tian X, Zhang C, Wang Q.

Medical Oncology 2012 Dec; 29(4):2727.

Application: IHC-P, Human, Hepatocellular carcinoma, Liver