



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Datasheet

HAL monoclonal antibody (M04), clone 4F2

Catalog Number: H00003034-M04

Regulatory Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a partial recombinant HAL.

Clone Name: 4F2

Immunogen: HAL (NP_002099, 558 a.a. ~ 657 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:

LAACQGIEFLRPLKTTTTPLEKVYDLVRSVVRPWIKDRF
MAPDIEAAHRLLEQKVWEVAAPYIEKYRMEHIPESRP
LSPTAFSLQLHKKSTKIPESDL

Host: Mouse

Reactivity: Human

Applications: ELISA, IP, WB-Re, WB-Tr
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Isotype: IgG2a Kappa

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 3034

Gene Symbol: HAL

Gene Alias: HIS, HSTD

Gene Summary: Histidine ammonia-lyase is a cytosolic enzyme catalyzing the first reaction in histidine catabolism, the nonoxidative deamination of L-histidine to trans-urocanic acid. Histidine ammonia-lyase defects

cause histidinemia which is characterized by increased histidine and histamine and decreased urocanic acid in body fluids [provided by RefSeq]

References:

1. Moderate UV Exposure Enhances Learning and Memory by Promoting a Novel Glutamate Biosynthetic Pathway in the Brain. Zhu H, Wang N, Yao L, Chen Q, Zhang R, Qian J, Hou Y, Guo W, Fan S, Liu S, Zhao Q, Du F, Zuo X, Guo Y, Xu Y, Li J, Xue T, Zhong K, Song X, Huang G, Xiong W. Cell. 2018 Jun 14;173(7):1716-1727.e17. doi: 10.1016/j.cell.2018.04.014. Epub 2018 May 17.
2. Increased Sensitivity of Histidinemic Mice to UVB Radiation Suggests a Crucial Role of Endogenous Urocanic Acid in Photoprotection. Barresi C, Stremnitzer C, Mlitz V, Kezic S, Kammeyer A, Ghannadan M, Posa-Markaryan K, Selden C, Tschachler E, Eckhart L. J Invest Dermatol. 2010 Aug 5. [Epub ahead of print]
3. Histidase expression in human epidermal keratinocytes: Regulation by differentiation status and all-trans retinoic acid. Eckhart L, Schmidt M, Mildner M, Mlitz V, Abtin A, Ballaun C, Fischer H, Mrass P, Tschachler E. J Dermatol Sci. 2008 Jun;50(3):209-15. Epub 2008 Feb 15.