Product Datasheet

SLC44A2 Antibody (3D11) - Azide and BSA Free
H00057153-M01

Unit Size: 0.1 mg

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

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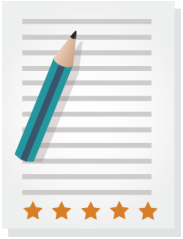


H00057153-M01

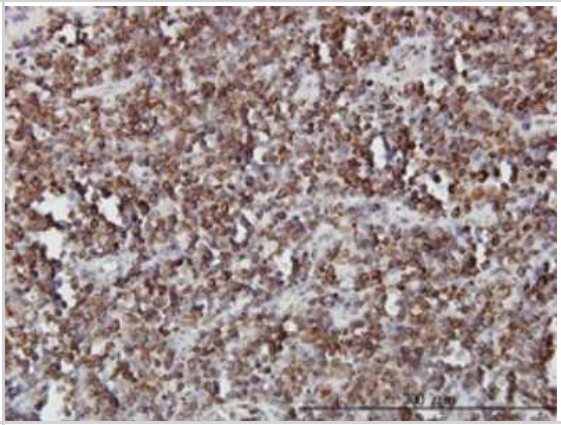
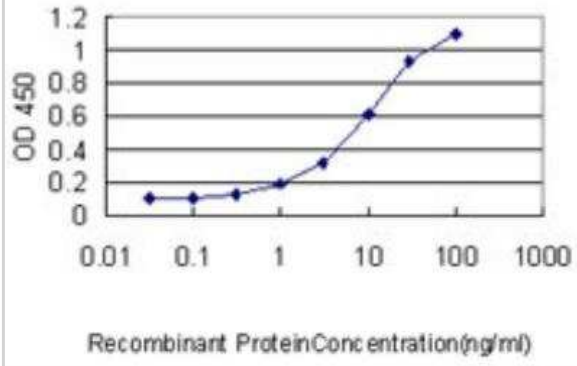
SLC44A2 Antibody (3D11) - Azide and BSA Free

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	3D11
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4

Product Description	
Description	Novus Biologicals Mouse SLC44A2 Antibody (3D11) - Azide and BSA Free (H00057153-M01) is a monoclonal antibody validated for use in IHC, WB, ELISA and ICC/IF. Anti-SLC44A2 Antibody: Cited in 5 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	57153
Gene Symbol	SLC44A2
Species	Human
Specificity/Sensitivity	SLC44A2 - CTL2 protein
Immunogen	CTL2 (AAH40556, 123 a.a. ~ 230 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. YLNARSSRDFEYYKQFCVPGFKNNKGVAEVLRDGDCPAVLIPSKPLARRCFPAI HAYKGVLMVGNETTYEDGHGSRKNITDLVEGAKKANGVLEARQLAMRIFEDYT V
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin
Application Notes	Antibody reactive against recombinant protein for Western Blot. Has also been used for immunohistochemistry (paraffin) and ELISA.

Images

Immunohistochemistry-Paraffin: SLC44A2 Antibody (3D11) [H00057153-M01] - Analysis of monoclonal antibody to SLC44A2 on formalin-fixed paraffin-embedded human lymphoma. Antibody concentration 3 ug/ml.	
ELISA: SLC44A2 Antibody (3D11) [H00057153-M01] - Detection limit for recombinant GST tagged SLC44A2 is approximately 0.3ng/ml as a capture antibody.	

Publications

Nishiyama R, Nagashima F, Iwao B et al. Identification and functional analysis of choline transporter in tongue cancer: A novel molecular target for tongue cancer therapy. Journal of Pharmacological Sciences 2016-05-01 [PMID: 27262903]

Iwao B, Yara M, Hara N et al. Functional expression of choline transporter like-protein 1 (CTL1) and CTL2 in human brain microvascular endothelial cells. Neurochem Int 2015-12-31 [PMID: 26746385]

Bayat B, Tjahjono Y, Sydykov A et al. Anti-human neutrophil antigen-3a induced transfusion-related acute lung injury in mice by direct disturbance of lung endothelial cells. Arterioscler Thromb Vasc Biol. 2013-09-05 [PMID: 24008160]

Taguchi C, Inazu M, Saiki I et al. Functional analysis of [methyl-3H]choline uptake in glioblastoma cells: influence of anti-cancer and central nervous system drugs. Biochem Pharmacol. 2014-02-12 [PMID: 24530235]

Yabuki M, Inazu M, Yamada T et al. Molecular functional characterization of choline transporter in rat renal tubule epithelial NRK-52E cells. Arch Biochem Biophys 485(1):88-96. 2009-05-01 [PMID: 19236841]

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Products Related to H00057153-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)
NBP1-84337PEP	SLC44A2 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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