

CTL2 Antibody (monoclonal) (M01)**Mouse monoclonal antibody raised against a partial recombinant CTL2.****Catalog # AT1669a****Specification**

CTL2 Antibody (monoclonal) (M01) - Product Information

Application	WB, IHC, E
Primary Accession	Q8IWA5
Other Accession	BC040556
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1 Kappa
Calculated MW	80124

CTL2 Antibody (monoclonal) (M01) - Additional Information**Gene ID** 57153**Other Names**

Choline transporter-like protein 2, Solute carrier family 44 member 2, SLC44A2, CTL2

Target/Specificity

CTL2 (AAH40556, 123 a.a. ~ 230 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution

WB~~1:500~1000

IHC~~1:100~500

E~~N/A

Format

Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage

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

Precautions

CTL2 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

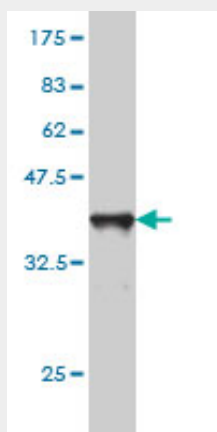
CTL2 Antibody (monoclonal) (M01) - Protocols

Provided below are standard protocols that you may find useful for product applications.

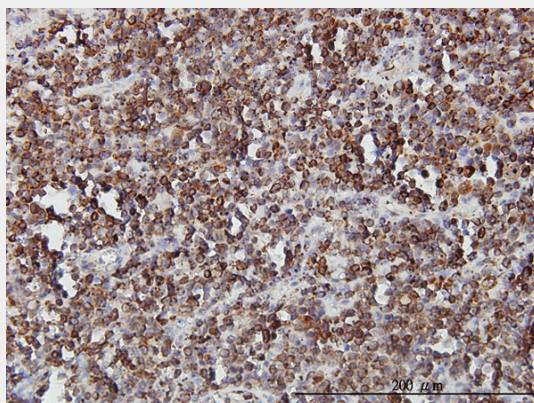
- [Western Blot](#)
- [Blocking Peptides](#)

- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

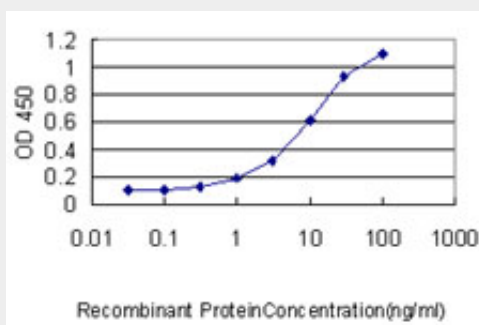
CTL2 Antibody (monoclonal) (M01) - Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.62 kDa) .



Immunoperoxidase of monoclonal antibody to SLC44A2 on formalin-fixed paraffin-embedded human lymphoma. [antibody concentration 3 ug/ml]



Detection limit for recombinant GST tagged SLC44A2 is approximately 0.3ng/ml as a capture antibody.

CTL2 Antibody (monoclonal) (M01) - References

1.Functional analysis of [methyl-3H]choline uptake in glioblastoma cells: influence of anti-cancer and central nervous system drugs.Taguchi C, Inazu M, Saiki I, Yara M, Hara N, Yamanaka T, Uchino H.Biochem Pharmacol. 2014 Feb 12. pii: S0006-2952(14)00072-0.2.Anti-human neutrophil antigen-3a induced transfusion-related acute lung injury in mice by direct disturbance of lung endothelial cells.Bayat B, Tjahjono Y, Sydykov A, Werth S, Hippenstiel S, Weissmann N, Sachs UJ, Santoso SArterioscler Thromb Vasc Biol. 2013 Nov;33(11):2538-48. doi: 10.1161/ATVBAHA.113.301206. Epub 2013 Sep 5.3.Molecular and functional characterization of choline transporter in rat renal tubule epithelial NRK-52E cells.Yabuki M, Inazu M, Yamada T, Tajima H, Matsumiya T.Arch Biochem Biophys. 2009 May 1;485(1):88-96. Epub 2009 Feb 21.