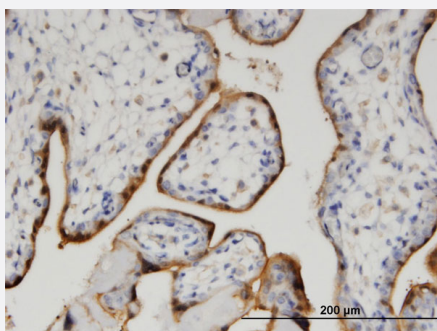


CLIC5 monoclonal antibody (M03), clone 1E6

Catalog # H00053405-M03

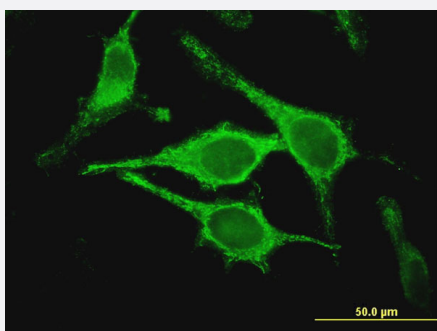
Size 100 ug

Applications



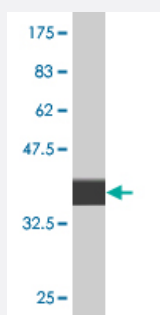
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to CLIC5 on formalin-fixed paraffin-embedded human placenta. [antibody concentration 3 ug/ml]



Immunofluorescence

Immunofluorescence of monoclonal antibody to CLIC5 on HeLa cell . [antibody concentration 20 ug/ml]



Western Blot detection against Immunogen (36.74 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant CLIC5.

Immunogen	CLIC5 (NP_058625.2, 91 a.a. ~ 190 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	FLEETLTPEKYPKLAALKHRESNTAGIDIFSKFSAYIKNTKQQNNAALERGLTKALKKLDDYLNTPLE EIDANTCGEDKGSRRKFLDGDELTLADCNLLP
Host	Mouse
Reactivity	Human
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 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 (Recombinant protein)

[Protocol Download](#)

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

Immunoperoxidase of monoclonal antibody to CLIC5 on formalin-fixed paraffin-embedded human placenta. [antibody concentration 3 ug/ml]

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to CLIC5 on HeLa cell . [antibody concentration 20 ug/ml]

Gene Info — CLIC5

Entrez GeneID	53405
GeneBank Accession#	NM_016929
Protein Accession#	NP_058625.2

Gene Name	CLIC5
Gene Alias	CLIC5B, FLJ90663, MST130, MSTP130, dJ447E21.4
Gene Description	chloride intracellular channel 5
Omim ID	607293
Gene Ontology	Hyperlink
Gene Summary	Chloride intracellular channels are involved in chloride ion transport within various subcellular compartments. CLIC5 specifically associates with the cytoskeleton of placenta microvilli.[supplied by OMIM]
Other Designations	OTTHUMP00000016538 chloride intracellular channel 5A

Publication Reference

- [CLIC5A, a component of the ezrin-podocalyxin complex in glomeruli, is a determinant of podocyte integrity.](#)

Wegner B, Al-Momany A, Kulak SC, Kozłowski K, Obeidat M, Jahroudi N, Paes J, Berryman M, Ballermann BJ.

American Journal of Physiology. Renal Physiology 2010 Jun; 298(6):F1492.

Application: IF, IP, WB-Ti, Mouse, Human renal glomeruli, Mouse kidney cortex

Disease

- [Migraine without Aura](#)
- [Tobacco Use Disorder](#)