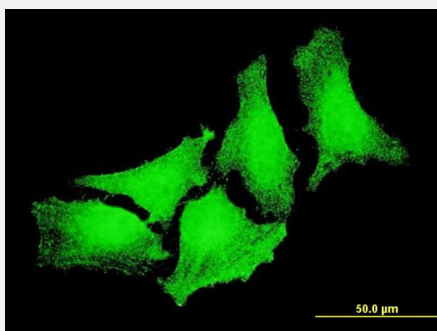


CYGB monoclonal antibody (M01), clone 3A5-2D2

Catalog # H00114757-M01

Size 100 ug

Applications



Immunofluorescence

Immunofluorescence of monoclonal antibody to CYGB on HeLa cell . [antibody concentration 10 ug/ml]

Specification

Product Description	Mouse monoclonal antibody raised against a full length recombinant CYGB.
Immunogen	CYGB (AAH29798, 1 a.a. ~ 190 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MEKVPGEMEIERRERSEELSEAERKAVQAMWARLYASCEDVGVAILVRFFVNFP SAKQYFSQFKHMEDPLEMERSPQLRKHACRVMGALNTVVENLHDPDKVSSVLALVGKAHALKHKVEPVYFKILSGVILEVVAEEFASDFPPETQRAWAKLRGLIYSHVTAAYKEVGWVQQVPNATTPPATLPSSGP
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (94); Rat (93)
Isotype	IgG2a kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- ELISA
- Immunofluorescence

Immunofluorescence of monoclonal antibody to CYGB on HeLa cell . [antibody concentration 10 ug/ml]

Gene Info — CYGB

Entrez GeneID	114757
GeneBank Accession#	BC029798
Protein Accession#	AAH29798
Gene Name	CYGB
Gene Alias	HGB, STAP
Gene Description	cytoglobin
Omim ID	608759
Gene Ontology	Hyperlink
Gene Summary	Cytoglobin is a ubiquitously expressed hexacoordinate hemoglobin that may facilitate diffusion of oxygen through tissues, scavenge nitric oxide or other reactive oxygen species, or serve a protective function during oxidative stress (Trent and Hargrove, 2002 [PubMed 11893755]).[supplied by OMIM]
Other Designations	histogloblin stellate cell activation-associated protein