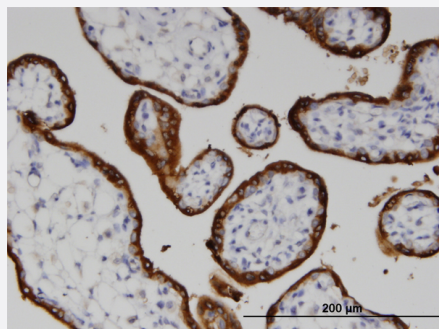


LSS monoclonal antibody (M01), clone 2E4

Catalog # H00004047-M01

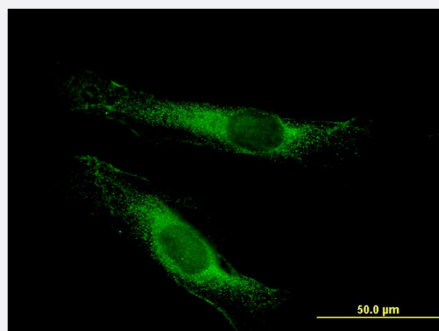
Size 100 ug

Applications



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

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



Immunofluorescence

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

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant LSS.
Immunogen	LSS (NP_001001438.1, 633 a.a. ~ 732 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	FESCEERRY LQSAQSQIHNTCWAMMGLMAVRHPDIEAQERGVRCLLEKQLPNGDWPQENIAGV FNKSCAISYTSYRNIFPIWALGRFSQLYPERALAGHP
Host	Mouse
Reactivity	Human

Interspecies Antigen Sequence	Mouse (86)
Isotype	IgG1
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

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

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

[Protocol Download](#)

- ELISA
- Immunofluorescence

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

Gene Info — LSS

Entrez GeneID	4047
GeneBank Accession#	NM_001001438
Protein Accession#	NP_001001438.1
Gene Name	LSS
Gene Alias	FLJ25486, FLJ35015, FLJ39450, FLJ46393, OSC
Gene Description	lanosterol synthase (2,3-oxidosqualene-lanosterol cyclase)
Omim ID	600909
Gene Ontology	Hyperlink

Gene Summary

The protein encoded by this gene catalyzes the conversion of (S)-2,3 oxidosqualene to lanosterol. The encoded protein is a member of the terpene cyclase/mutase family and catalyzes the first step in the biosynthesis of cholesterol, steroid hormones, and vitamin D. Alternative splicing results in multiple transcript variants encoding different isoforms

Other Designations

2,3-epoxysqualene--lanosterol cyclase|lanosterol synthase

Pathway

- [Biosynthesis of alkaloids derived from terpenoid and polyketide](#)
- [Metabolic pathways](#)
- [Steroid biosynthesis](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Tobacco Use Disorder](#)