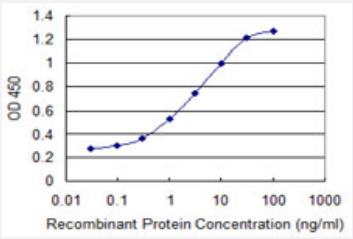
LYST monoclonal antibody (M07), clone 3H1

Catalog # H00001130-M07 Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged LYST is 0.03 ng/ml as a capture antibody.

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant LYST.
Immunogen	LYST (NP_000072.2, 1 a.a. ~ 100 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MSTDSNSLAREFLTDVNRLCNAVVQRVEAREEEEEETHMATLGQYLVHGRGFLLLTKLNSIIDQALTCREELLTLLLSLLPLVWKIPVQEEKATDFNLPL
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (95); Rat (93)
Isotype	IgG2b 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

- Sandwich ELISA (Recombinant protein)

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  Protocol Download

- ELISA

Gene Info — LYST

Entrez GeneID	1130
GeneBank Accession#	NM_000081
Protein Accession#	NP_000072.2
Gene Name	LYST
Gene Alias	CHS, CHS1
Gene Description	lysosomal trafficking regulator
Omim ID	214500 606897
Gene Ontology	Hyperlink
Gene Summary	This gene is thought to encode a protein that regulates intracellular protein trafficking to and from t he lysosome. Mutations in this gene are associated with Chediak-Higashi syndrome, a rare lysos omal storage disorder. Alternatively spliced transcript variants have been described but their full-l ength nature has not been determined. [provided by RefSeq
Other Designations	Chediak-Higashi syndrome 1|OTTHUMP00000059294|beige protein

Publication Reference

- Chediak-Higashi syndrome: description of two novel homozygous missense mutations causing divergent clinical phenotype.

  Sanchez-Guiu I, Anton AI, Garcia-Barbera N, Navarro-Fernandez J, Martinez C, Fuster JL, Couselo JM, Ortuno FJ, Vicente V, Rivera J, Lozano ML.

  European Journal of Haematology 2014 Jan; 92(1):49.

  Application: WB-Ce, Human, Skin fibroblasts