

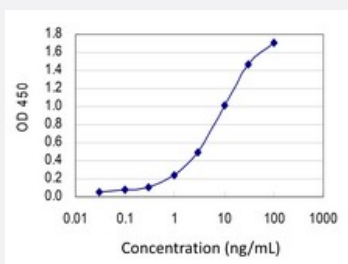
CX Grade

# LYST monoclonal antibody (M07J), clone 3H1

Catalog # H00001130-M07J

Size 100 ug

## Applications



### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged LYST is 0.1 ng/ml as a capture antibody.

## Specification

### Product Description

Mouse monoclonal antibody raised against a partial recombinant LYST.  
This product is belong to Cell Culture Grade Antibody (CX Grade).

### 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

MSTDNSNLAREFLTDVNRLCNAVVRVEAREEEEEETHMATLGQYL VHGRGFLLLTKLNSIIDQAL  
TCREELLTLLLSLLPLVWKIPVQEEKATDFNLPL

### Host

Mouse

### Reactivity

Human

### Interspecies Antigen Sequence

Mouse (95); Rat (93)

### Preparation Method

Cell Culture Production

### 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

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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 the lysosome. Mutations in this gene are associated with Chediak-Higashi syndrome, a rare lysosomal storage disorder. Alternatively spliced transcript variants have been described but their full-length nature has not been determined. [provided by RefSeq]

**Other Designations**

Chediak-Higashi syndrome 1|OTTHUMP00000059294|beige protein