

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human Chitobiase/CTBS in direct ELISAs and Western blots.
Source	Monoclonal Mouse IgG ₁ Clone # 486725
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Mouse myeloma cell line NS0-derived recombinant human Chitobiase/CTBS Thr39-Arg385 Accession # Q01459
Conjugate	Alexa Fluor 488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

Western Blot	Optimal dilution of this antibody should be experimentally determined.
Immunoprecipitation	Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

Di-N-acetyl-chitobiase (CTBS) is a lysosomal glycosidase that is involved in the degradation of asparagine-linked glycoproteins. The amino acid sequence of human CTBS shares 99%, 86%, 82%, and 77% identity with that of chimpanzee, mouse, rat, and canine CTBS, respectively.

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