

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human LEDGF in direct ELISAs and Western Blots.
Source	Monoclonal Mouse IgG ₁ Clone # 762815
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	<i>E. coli</i> -derived recombinant human LEDGF Met1-Lys333 Accession # O75475
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.
Immunocytochemistry	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

LEDGF, also known as transcription co-activator p75, is a 75 kDa protein that belongs to the hepatoma-derived growth factor (HDGF) family of nuclear targeted proteins. It is a widely expressed protein that interacts with lentiviral integrase. As a result of alternative splicing, isoforms with deletions, substitutions/insertions have been reported. Human LEDGF shares 91%, 92% and 96% amino acid sequence homology with rat, mouse and feline LEDGF, respectively.

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