Product Informatiion Sheet

# Monoclonal Anti-Involucrin (Sepharose Bead Conjugate)

**Catalogue No.** MA1054-S

**Lot No.** 08A12

**Clone:** LAM-26

**Ig type:** mouse IgG1

**Size:** 200µl

**Specificity**

Human, pig, feline.

No cross reactivity with other proteins.

**Recommended application**

*Immunoprecipitation(IP)*

**Immunogen**

Human laminin

**Purification**

Purified by the goat anti-mouse IgG affinity chromatography.

**Formulation**

50% slurry in PBS pH 7.2 with 0.01mg $NaN_3a_3$ preservative.

**Storage**

Store at 4˚C for frequent use.

**Description:**

This Antagene antibody is immobilized via covalent binding of primary amino groups to N-hydroxysuccinimide (NHS)-activated sepharose beads. It is useful for immunoprecipitation assays

**BACKGROUND**

Laminin is a heterotrimeric extracellular matrix protein consisting of 3 chains: alpha-1,beta-1 and gamma-1, formerly called beta-2 (LAMA2). This gene is over 260, 000 base pairs and contains 64 exons. Laminin is similar with merosin, a basement membrane-associated protein found in placenta, striated muscle, and peripheral nerve, and both of them are members of the same family of basement membrane proteins. And merosin is the same as laminin M, a striated muscle-specific, basal-lamina-associated protein, it may play a primary role in the pathogenesis of that disorder. ***REFERENCE***

1. Zhang, X.; Vuolteenaho, R.; Tryggvason, K. : Structure of the human laminin alpha-2-chain gene (LAMA2), which is affected in congenital muscular dystrophy. *J. Biol. Chem.* 271: 27664-27669, 1996.

2. Ehrig, K.; Leivo, I.; Argraves, W. S.; Ruoslahti, E.; Engvall, E. : Merosin, a tissue-specific basement membrane protein, is a laminin-like protein. *Proc. Nat. Acad. Sci.* 87: 3264-3268, 1990.

3. Arahata, K.; Hayashi, Y. K.; Mizuno, Y.; Yoshida, M.; Ozawa, E. : Dystrophin-associated glycoprotein and dystrophin co-localisation at sarcolemma in Fukuyama congenital muscular dystrophy. (Letter) *Lancet* 342: 623-624, 1993.