

IVL monoclonal antibody, clone SY8

Catalog # MAB7025 Size 100 ug

Specification

Product Description	Mouse monoclonal antibody raised against IVL.
Immunogen	Human IVL.
Host	Mouse
Reactivity	Dog, Human, Pig, Primates
Specificity	Keratinocytes of epidermis and other stratified squamous epithelia. Predicted molecular weight 68 K Da. Reacts weakly with dog involucrin.
Form	Liquid
Isotype	IgG1
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS
Storage Instruction	Store at 4°C for short term. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot
- Immunohistochemistry
- Immunoprecipitation

Gene Info — IVL

Entrez GeneID	3713
Gene Name	IVL
Gene Alias	-
Gene Description	involucrin
Omim ID	147360
Gene Ontology	Hyperlink
Gene Summary	Involucrin, a component of the keratinocyte crosslinked envelope, is found in the cytoplasm and crosslinked to membrane proteins by transglutaminase. This gene is mapped to 1q21, among calpactin I light chain, trichohyalin, profilaggrin, loricrin, and calcyclin. [provided by RefSeq]
Other Designations	OTTHUMP00000014402

Publication Reference

- [Characterisation of eight monoclonal antibodies to involucrin.](#)

Hudson DL, Weiland KL, Dooley TP, Simon M, Watt FM.

Hybridoma 1992 Jun; 11(3):367.

Application: IF, IP, WB-Ce, Human, keratinocyte

Disease

- [Dermatitis](#)
- [Genetic Predisposition to Disease](#)