

PAJ103Mu81

FITC-Linked Antibody to Filaggrin (FLG)

Organism Species: Mus musculus (Mouse)

Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

9th Edition (Revised in Jul, 2013)

[PRODUCT INFORMATION]

Immunogen: FLG, Mouse

Clonality: Polyclonal

Conjugation: FITC

Host: Rabbit

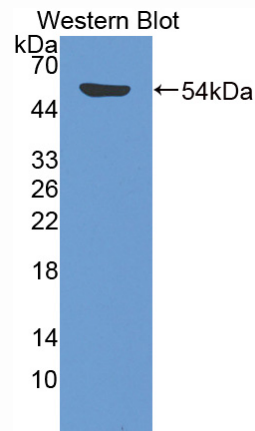
Immunoglobulin Type: IgG

Purification: Affinity Chromatography.

Applications: WB, ICC, IHC-P, IHC-F, ELISA

Concentration: 200µg/mL

UOM: 100µg



Sample: Recombinant FLG, Mouse

[IMMUNOGEN INFORMATION]

Immunogen: Recombinant FLG (Asp119~Tyr336) expressed in *E.coli*.

Accession No.: RPJ103Mu01

Sequence: The target protein is fused with two N-terminal Tags, His-tag and GST-tag and its sequence is listed below.

MSPILGYWKI KGLVQPTRL L LEYLEEKYEE HLYERDEGDK WRNKKFELGL EFPNLPYYID
GDVKLTQSMA IIRYIADKHN MLGGCPKERA EISMLEGAVL DIRYGVSR IA YSKDFETLKV
DFLSKLP EML KMFEDRLCHK TYLNGDHVTH PDFMLYDALD VVLYMDPMCL DAFPKLVCFK
KRIEAIQID KYLKSSKYIA WPLQG WQATF GGGDHPPKSD GSTSGSGHHH HHSAGLVPR
GSTAIGMKET AAKFERQHM DSPDLGTLEV LFQ GPLGSEF-DF SEGQAVGAHR
QSGAGQRHEQ RSSRGQH GSG YYYEQEHSEE ESDSQHQHGH QHEQQRGHQH

QHQQHEHEQ PESGHRQQS SGRGHQGAHQ EQGRDSARPR GSNQGHSSSR
HQADSPRVSA RSGSGGRGQS PDASGRSSNR RDRPRQPSPS QSSDSQVHSG
VQVEAQRGQS SSANRRAGSS SGSGVQGAAA SGQGGYESIF TAKHLDFNQS HSYYYY

[ANTIBODY SPECIFICITY]

The antibody is a rabbit polyclonal antibody raised against FLG. It has been selected for its ability to recognize FLG in immunohistochemical staining and western blotting.

[APPLICATIONS]

Western blotting: 1:50-400

Immunocytochemistry in formalin fixed cells: 1:50-500

Immunohistochemistry in formalin fixed frozen section: 1:50-500

Immunohistochemistry in paraffin section: 1:10-100

Enzyme-linked Immunosorbent Assay: 1:100-200

Optimal working dilutions must be determined by end user.

[CONTENTS]

Form & Buffer: Supplied as solution form in PBS, pH7.4, containing 0.02% NaN₃, 50% glycerol.

[STORAGE]

Store at 4°C for frequent use. Stored at -20°C to -80°C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

Note: *As fluorescence can photobleach when exposed to light, so the antibody must be protected from light.*