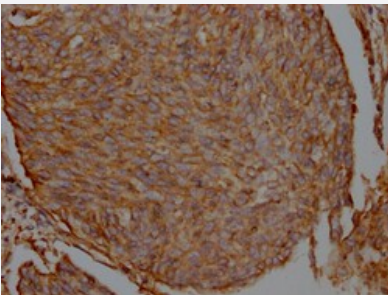


RecomAb™

# FLNA recombinant monoclonal antibody, clone 1B2

Catalog # RAB04383      Size 100 uL

## Applications



### Immunohistochemistry

Immunohistochemical staining of human cervical cancer with FLNA recombinant monoclonal antibody, clone 1B2 (Cat # RAB04383) (diluted at 1:100).

## Specification

|                     |                                                                                                                  |
|---------------------|------------------------------------------------------------------------------------------------------------------|
| Product Description | Rabbit recombinant monoclonal antibody raised against human FLNA.                                                |
| Antibody Species    | Rabbit                                                                                                           |
| Immunogen           | Original antibody is raised against a synthetic peptide corresponding to human FLNA.                             |
| Reactivity          | Human                                                                                                            |
| Form                | Liquid                                                                                                           |
| Purification        | Affinity chromatography                                                                                          |
| Isotype             | IgG                                                                                                              |
| Recommend Usage     | ELISA<br>Immunohistochemistry (1:50-1:200)<br>The optimal working dilution should be determined by the end user. |
| Storage Buffer      | In PBS, pH7.4 (150 mM NaCl, 50% glycerol and 0.02% sodium azide)                                                 |
| Storage Instruction | Store at -20°C or -80°C.<br>Aliquot to avoid repeated freezing and thawing.                                      |

**Note**

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Immunohistochemistry

Immunohistochemical staining of human cervical cancer with FLNA recombinant monoclonal antibody, clone 1B2 (Cat # RAB04383) (diluted at 1:100).

- Enzyme-linked Immunoabsorbent Assay

## Gene Info — FLNA

Entrez GeneID [2316](#)

Protein Accession# [P21333](#)

Gene Name FLNA

Gene Alias ABP-280, ABPX, DKFZp434P031, FLN, FLN1, FMD, MNS, NHBP, OPD, OPD1, OPD2

Gene Description filamin A, alpha (actin binding protein 280)

Omim ID [300017](#) [300049](#) [300537](#) [304120](#) [309350](#) [311300](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** The protein encoded by this gene is an actin-binding protein that crosslinks actin filaments and links actin filaments to membrane glycoproteins. The encoded protein is involved in remodeling the cytoskeleton to effect changes in cell shape and migration. This protein interacts with integrins, transmembrane receptor complexes, and second messengers. Defects in this gene are a cause of several syndromes, including periventricular nodular heterotopias (PVNH1, PVNH4), otopalatodigital syndromes (OPD1, OPD2), frontometaphyseal dysplasia (FMD), Melnick-Needles syndrome (MNS), and X-linked congenital idiopathic intestinal pseudoobstruction (CIIPX). Two transcript variants encoding different isoforms have been found for this gene

**Other Designations** OTTHUMP00000024320|actin-binding protein 280|filamin 1|filamin A, alpha

## Pathway

- [Focal adhesion](#)
- [MAPK signaling pathway](#)

## Disease

- [Anorexia Nervosa](#)
- [Bulimia](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)