

# Product Information

## Recombinant Anti-Human NOTCH2 Antibody Fab Fragment

Cat. No.: **MOM-H67-F(E)**

This product is for research use only and is not intended for diagnostic use.

### Product Overview

Recombinant human Antibody Fab Fragment specifically binds to Human NOTCH2, expressed in HEK293

### Antigen Description

The Notch receptors are highly conserved from invertebrates to mammals. While Notch1 and Notch 2 exhibit the highest structural similarity among the four mammalian Notch receptors. Notch4 has a number of structural and functional differences. The binding of

### Specific Activity

NOTCH2 (notch 2) [Homo sapiens] ;

### Target

NOTCH2

### Source

human

### Species Reactivity

Human

### Type

human Fab-IgG2 - kappa

### Expression Host

HEK293

### Purity

>95.0% as determined by Analysis by RP-HPLC & analysis by SDS-PAGE.

### Purification

Purified by Nickel ion affinity chromatography

### Applications

Suitable for use in FuncS, IF, Neut, ELISA and most other immunological methods.

### Cellular Localization

kappa

### Storage

Store it under sterile conditions at -20°C upon receiving. Recommend to pack the protein into smaller quantities for optimal storage.

## ANTIGEN GENE INFORMATION

### Gene Name

[NOTCH2 notch 2 \[ Homo sapiens \]](#)

### Official Symbol

NOTCH2

### Synonyms

NOTCH2; notch 2; Notch (Drosophila) homolog 2 , Notch homolog 2 (Drosophila); neurogenic locus notch homolog protein 2; Notch homolog 2; hN2; AGS2; HJCYS;

### Gene ID

[4853](#)

### mRNA Refseq

[NM\\_001200001](#)

### Protein Refseq

[NP\\_001186930](#)

### MIM

[600275](#)

### UniProt ID

Q04721

### Chromosome Location

1p13-p11

### Pathway

Delta-Notch Signaling Pathway, organism-specific biosystem; Dorso-ventral axis formation, organism-specific biosystem; Dorso-ventral axis formation, conserved biosystem; Gene Expression, organism-specific biosystem; Generic Transcription Pathway, organism-specific biosystem; Notch signaling pathway, organism-specific biosystem; Notch signaling pathway, organism-specific biosystem;

### Function

calcium ion binding; protein binding; receptor activity;