## Anti－MIP antibody

| Cat．No． | ml 221673 |
| :--- | :--- |
| Package | $25 \mu \mathrm{l} / 100 \mu \mathrm{l} / 200 \mu \mathrm{l}$ |
| Storage | $-20^{\circ} \mathrm{C}, \mathrm{pH} 7.4 \mathrm{PBS}, 0.05 \% \mathrm{NaN3}, 40 \%$ Glycerol |
|  |  |
| Product overview |  |
| Description | Anti－MIP rabbit polyclonal antibody |
| Applications | ELISA，IHC |
| Immunogen | Fusion protein of human MIP |
| Reactivity | Human，Mouse，Rat |
| Content | $0.5 \mathrm{mg} / \mathrm{ml}$ |
| Host species | Rabbit |
| Ig class | Immunogen－specific rabbit IgG |
| Purification | Antigen affinity purification |

## Target information

Symbol
MIP
Full name
major intrinsic protein of lens fiber
Synonyms
Swissprot
AQP0；LIM1；MP26；MIP26；CTRCT15
P30301

## Target Background

Major intrinsic protein is a member of the water－transporting aquaporins as well as the original member of the MIP family of channel proteins．The function of the fiber cell membrane protein encoded by this gene is undetermined，yet this protein is speculated to play a role in intracellular communication．The MIP protein is expressed in the ocular lens and is required for correct lens function．This gene has been mapped among aquaporins AQP2，AQP5，and AQP6，in a potential gene cluster at $12 q 13$ ．

## ml｜bio 砤联业物

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## Applications

## Immunohistochemistry

Predicted cell location：Cytoplasm
Positive control：Human liver cancer
Recommended dilution：50－200


The image on the left is immunohistochemistry of paraffin－embedded Human liver cancer tissue using ml221673（MIP Antibody）at dilution $1 / 50$ ，on the right is treated with fusion protein．（Original magnification：$\times 200$ ）

## ELISA

Recommended dilution：1000－5000

Predicted cell location：Cytoplasm
Positive control：Human gastric cancer
Recommended dilution：50－200


The image on the left is immunohistochemistry of paraffin－embedded Human gastric cancer tissue using ml221673（MIP Antibody）at dilution $1 / 50$ ，on the right is treated with fusion protein．（Original magnification：$\times 200$ ）

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