

Anti-MIP antibody

Cat. No.	ml160221
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-MIP rabbit polyclonal antibody
Applications	ELISA, IHC
Immunogen	Synthetic peptide of human MIP
Reactivity	Human, Mouse, Rat
Content	0.3 mg/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	AQP0; LIM1; MP26; MIP26; CTRCT15
Swissprot	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 12q13.

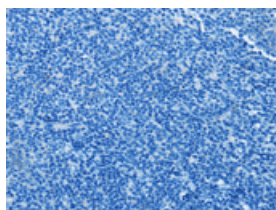
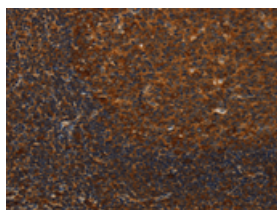
Applications

Immunohistochemistry

Predicted cell location: cytoplasm

Positive control: Human tonsil

Recommended dilution: 50-200

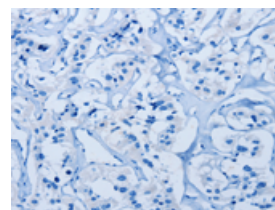
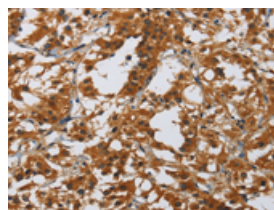


The image on the left is immunohistochemistry of paraffin-embedded Human tonsil tissue using ml160221(MIP Antibody) at dilution 1/40, on the right is treated with synthetic peptide. (Original magnification: $\times 200$)

Predicted cell location: cytoplasm

Positive control: Human thyroid cancer

Recommended dilution: 50-200



The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using ml160221(MIP Antibody) at dilution 1/40, on the right is treated with synthetic peptide. (Original magnification: $\times 200$)

ELISA

Recommended dilution: 500-5000

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