

L-Glutamine Polyclonal Antibody

Ref: IS1060

Validated by direct and competitive ELISA, this rabbit polyclonal antibody recognizes L-Glutamine at 1/10 000 working dilution, while displaying no significant cross-reactivity with competitors such as L-Ornithine, L-Arginine and L-Asparagine. In combination with optimal samples preparation using [STAINperfect immunostaining kit A](#), this antibody could allow direct L-Glutamine visualization in various type of samples (cell culture, tissue...).

Clonality	Polyclonal
Host	Rabbit
Reactivity	Reacts with all species
Validated by	ELISA
Staining procedure	STAINperfect immunostaining kit A
References	Not yet cited to our knowledge Submit content and get a 10% discount!
Format	50µl

INFORMATIONS

Product overview

Product name	L-Glutamine – Rabbit pAb
Synonyms	Anti-L-Glutamine antibody Anti-Levoglutamide antibody Anti-L-(+)-Glutamine antibody Anti-Glutamic acid amide antibody Anti-(S)-2,5-Diamino-5-oxopentanoic acid antibody
Immunogen	Conjugated L-Ornithine
Specificity	When tested in competitive ELISA, the anti-conjugated L-Ornithine antibody did not show any significant cross reactivity with L-Ornithine competitors: L-Ornithine, L-Arginine and L-Asparagine

Storage

Form	Liquid
Purity	Purified anti-serum
Storage	Store at 4°C
Storage buffer	Store at +4°C for short term (1-2 months). Aliquot and store at -20°C for long term. Avoid repeated freeze / thaw cycles
Material safety datasheet	Download MSDS

PROTOCOLS

IF - Cell cultures, Whole mounts, Tissue sections

Dilute antibody with the antibody diluent provided in the [STAINperfect immunostaining kit A](#). Use at 1/250 -1/1000 dilution. Follow the STAINperfect protocol suited to your sample

Comments

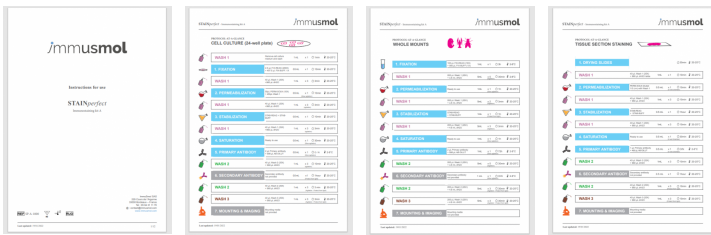
Optimal working dilutions must be determined by the end-user

Restrictions

For research use only

Full protocol

[Download STAINperfect protocol](#)



[Complete Instructions for Use](#)

[Protocol-at-a-glance for cell cultures](#)

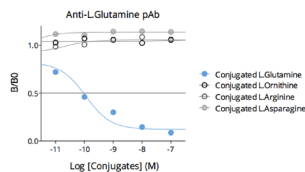
[Protocol-at-a-glance for whole mounts](#)

[Protocol-at-a-glance for tissue sections](#)

REFERENCES

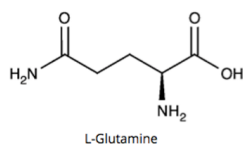
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Product pictures



Affinity & specificity of anti- L-Glutamine antibody

Competitive ELISA demonstrates that low amounts of L-Glutamine conjugate are required to abolish antigen-antibody reaction (high affinity), while rising concentrations of L-Ornithine, L-Arginine and L-Asparagine (L-Glutamine competitors) do not affect reaction (high specificity).



L-Glutamine

L-Glutamine

Contact information

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To order, review, ask for technical support, visit product page at:

<https://www.immusmol.com/shop/l-glutamine-pab/>