

L-Asparagine Antibody – Rabbit Polyclonal

Ref: IS1056

Validated by direct and competitive ELISA, this rabbit polyclonal antibody recognizes L-Asparagine at 1/10 000 working dilution, while displaying no significant cross-reactivity with competitors such as L-Glutamine and L-Aspartate. Combined with the [STAINperfect immunostaining kit A](#), this antibody could allow direct L-Asparagine imaging in various types of samples (cell cultures, tissue sections, whole mounts).

Clonality	Polyclonal
Host	Rabbit
Reactivity	Reacts with all species
Validated by	ELISA
Staining procedure	STAINperfect immunostaining kit A
Format	50µl

INFORMATIONS

Product overview

Product name	L-Asparagine - Rabbit pAb
Synonyms	Anti-L-Asparagine antibody Anti-(S)-asparagine antibody Anti-Aspartamic acid antibody Anti-L-2,4-diamino-4-oxobutanoic acid antibody
Immunogen	Conjugated L-Asparagine
Specificity	When tested in competitive ELISA, the anti-conjugated L-Asparagine antibody did not show any significant cross reactivity with L-Ornithine competitors: L-Glutamine and L-Aspartate

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

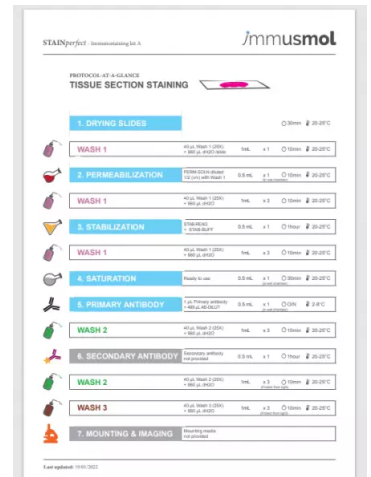
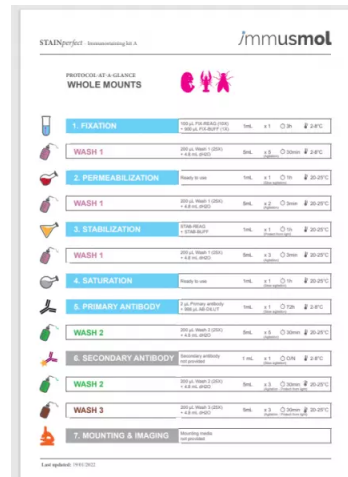
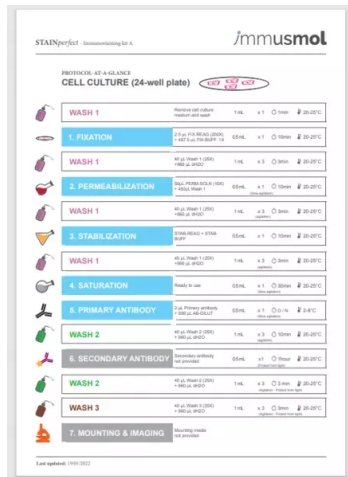
Optimal working dilutions must be determined by the end-user

Restrictions

For research use only

Full protocol

[Download STAINperfect protocol](#)



[Complete Instructions for Use](#)

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

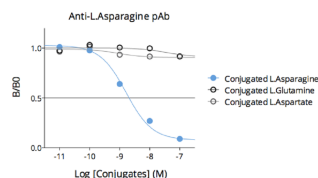
[Protocol-at-a-glance for whole mounts](#)

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

REFERENCES

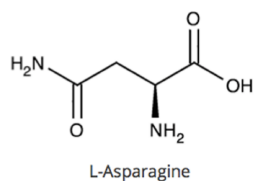
Antibody not yet cited.

Product pictures



Affinity & specificity of anti- L-Asparagine antibody

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



L-Asparagine

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Contact information

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

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