

# 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).

|                           |   |
|---------------------------|---|
| <b>Clonality</b>          | Polyclonal  |
| <b>Host</b>               | Rabbit  |
| <b>Reactivity</b>         | Reacts with all species                           |
| <b>Validated by</b>       | ELISA   |
| <b>Staining procedure</b> | <a href="#">STAINperfect immunostaining kit A</a> |
| <b>Format</b>             | 50µl  |

## INFORMATIONS

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### Product overview

|                     |   |
|---------------------|---|
| <b>Product name</b> | L-Asparagine - Rabbit pAb   |
| <b>Synonyms</b>     | Anti-L-Asparagine antibody<br>Anti-(S)-asparagine antibody<br>Anti-Aspartamic acid antibody<br>Anti-L-2,4-diamino-4-oxobutanoic acid antibody                                       |
| <b>Immunogen</b>    | Conjugated L-Asparagine   |
| <b>Specificity</b>  | 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

|                       |  |
|-----------------------|--|
| <b>Form</b>           | Liquid   |
| <b>Purity</b>         | Purified anti-serum  |
| <b>Storage</b>        | Store at 4°C   |
| <b>Storage buffer</b> | 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

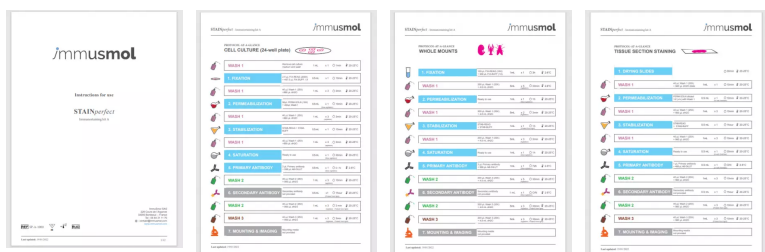
## IF - Cell cultures, Whole mounts, Tissue sections

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

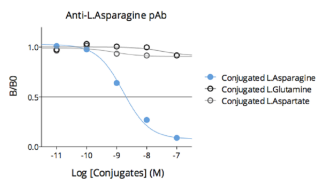
**Restrictions** For research use only

**Full protocol** [Download STAINperfect protocol](#)



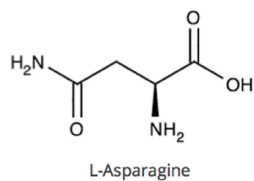
- [Complete Instructions for Use](#)
- [Protocol-at-a-glance for cell cultures](#)
- [Protocol-at-a-glance for whole mounts](#)
- [Protocol-at-a-glance for tissue sections](#)

## 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/>