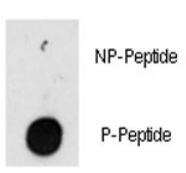
# Phospho-ILK Antibody (pT173) (F48545)

| Catalog No. | Formulation | Size |
|---|---|---|
| F48545-0.4ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.4 ml |
| F48545-0.08ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.08 ml |

**Bulk quote request**

| | |
|---|---|
| **Availability** | 1-3 business days |
| **Species Reactivity** | Human |
| **Predicted Reactivity** | Bovine, Mouse, Rat |
| **Format** | Antigen affinity purified |
| **Host** | Rabbit |
| **Clonality** | Polyclonal (rabbit origin) |
| **Isotype** | Rabbit Ig |
| **Purity** | Antigen affinity |
| **UniProt** | Q13418 |
| **Applications** | Dot blot: 1:500 |
| **Limitations** | This phospho-ILK antibody is available for research use only. |




Dot blot analysis of phospho-ILK antibody. 50ng of phos-peptide or nonphos-peptide per dot were spotted.

## Description

Transduction of extracellular matrix signals through integrins influences intracellular and extracellular functions, and appears to require interaction of integrin cytoplasmic domains with cellular proteins. Integrin-linked kinase (ILK), interacts with the cytoplasmic domain of beta-1 integrin. ILK is a serine/threonine protein kinase with 4 ankyrin-like repeats, which associates with the cytoplasmic domain of beta integrins and acts as a proximal receptor kinase regulating integrin-mediated signal transduction.

## Application Notes

Titration of the phospho-ILK antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

This phospho-ILK antibody was produced from rabbits immunized with a KLH conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding pT173 of human ILK.

## Storage

Aliquot the phospho-ILK antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
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