

## Phospho-Vimentin Antibody (pS72) [clone ADE-22] (RQ5249)

Catalog No.	Formulation	Size
RQ5249	Antibody in PBS with 0.02% sodium azide, 50% glycerol and 0.4-0.5mg/ml BSA	100 ul

**Bulk quote request**

Availability	1-2 weeks
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	ADE-22
Purity	Affinity purified
UniProt	P08670
Applications	Western Blot : 1:500-1:2000
Limitations	This phospho-Vimentin antibody (pS72) is available for research use only.



Western blot testing of lysate from Calyculin A-treated HeLa cells with phospho-Vimentin antibody (pS72). Expected molecular weight: 53-58 kDa.

### Description

The VIM gene encodes a type III intermediate filament protein. Intermediate filaments, along with microtubules and actin microfilaments, make up the cytoskeleton. The encoded protein is responsible for maintaining cell shape and integrity of the cytoplasm, and stabilizing cytoskeletal interactions. This protein is involved in neuritogenesis and cholesterol transport and functions as an organizer of a number of other critical proteins involved in cell attachment, migration, and signaling. [RefSeq]

## Application Notes

Optimal dilution of the phospho-Vimentin antibody (pS72) should be determined by the researcher.

## Immunogen

A synthetic peptide specific to human Vimentin (surrounding phosphorylated serine 72) was used as the immunogen for the phospho-Vimentin antibody.

## Storage

Store the phospho-Vimentin antibody (pS72) at -20oC.