

# Affinity Gel-Rabbit anti Pan Malonyl-Lysine mAb

**Catalog No.: A27126**

## Basic Information

### Observed MW

### Calculated MW

### Category

Primary antibody

### Applications

IP

### Cross-Reactivity

Human, Mouse, Rat, Other (Wide Range Predicted)

### Clone/No number

ARC72828-Affinity Gel

### Conjugate

Affinity Gel

## Recommended Dilutions

**IP** 30ul antibody (bead slurry) for 200 $\mu$ g-400 $\mu$ g extracts of whole cells

## Background

The lysine residue in proteins can undergo to many types of PTMs, such as methylation, acetylation, biotinylation, ubiquitination, ubiquitin-like modifications, propionylation and butyrylation, then leading to the remarkable complexity of PTM networks. Malonylation is a posttranslational modification (PTM) where a Malonyl group is added to a Lys (K) residue of a protein molecule. It has been shown that the lysine Malonylation responses to different physiological conditions and is evolutionally conserved.

## Immunogen Information

### Gene ID

### Swiss Prot

### Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

### Synonyms

Pan Malonyl-Lysine

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 50% glycerol, 0.09% Sodium azide, pH 7.3.