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Datasheet for ABIN7141319

**anti-PSMB9 antibody (AA 1-147) (HRP)**

## Overview

|                      |                                          |
|----------------------|------------------------------------------|
| Quantity:            | 100 µg                                   |
| Target:              | PSMB9                                    |
| Binding Specificity: | AA 1-147                                 |
| Reactivity:          | Epstein-Barr Virus (EBV)                 |
| Host:                | Rabbit                                   |
| Clonality:           | Polyclonal                               |
| Conjugate:           | This PSMB9 antibody is conjugated to HRP |
| Application:         | ELISA                                    |

## Product Details

|                   |                                                                            |
|-------------------|----------------------------------------------------------------------------|
| Immunogen:        | Recombinant Epstein-Barr virus Latent membrane protein 2 protein (1-147AA) |
| Isotype:          | IgG                                                                        |
| Cross-Reactivity: | Epstein-Barr Virus (EBV)                                                   |
| Purification:     | >95%, Protein G purified                                                   |

## Target Details

|                   |                                                                                                                                                                                                |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | PSMB9                                                                                                                                                                                          |
| Alternative Name: | LMP2 ( <a href="#">PSMB9 Products</a> )                                                                                                                                                        |
| Background:       | Background: Isoform LMP2A maintains EBV latent infection of B-lymphocyte, by preventing lytic reactivation of the virus in response to surface immunoglobulin (slg) cross-linking. Acts like a |

## Target Details

dominant negative inhibitor of the slg-associated protein tyrosine kinases, LYN and SYK. Also blocks translocation of the B-cell antigen receptor (BCR) into lipid rafts, preventing the subsequent signaling and accelerated internalization of the BCR upon BCR cross-linking. Serves as a molecular scaffold to recruit SYK, LYN and E3 protein-ubiquitin ligases, such as ITCH and NEDD4L, leading to ubiquitination and potential degradation of both tyrosines kinases. Possesses a constitutive signaling activity in non-transformed cells, inducing bypass of normal B lymphocyte developmental checkpoints allowing immunoglobulin-negative cells to colonize peripheral lymphoid organs.

Aliases: LMP2 antibody, Latent membrane protein 2 antibody, Terminal protein antibody

UniProt: [P13285](#)

Pathways: [Mitotic G1-G1/S Phases](#), [DNA Replication](#), [Synthesis of DNA](#)

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.