

## Certificate of Analysis

Product Name: Polyclonal Anti-Fruit fly Pex14 Antibody

Catalog Number: DZ41741

### Description

|                      |                                                                     |
|----------------------|---------------------------------------------------------------------|
| <b>Lot No.</b>       | 25DZ870I4                                                           |
| <b>Size</b>          | 200µl/vial                                                          |
| <b>Form</b>          | Liquid                                                              |
| <b>Concentration</b> | 500µg/ml                                                            |
| <b>Ig type</b>       | Rabbit IgG                                                          |
| <b>Purification</b>  | Immunogen affinity purified.                                        |
| <b>Contents</b>      | Each vial contains 20mM PBS, 50% glycerol, 0.02% NaN <sub>3</sub> . |

### Data of Indirect ELISA

|                                                                                 |          |          |           |            |
|---------------------------------------------------------------------------------|----------|----------|-----------|------------|
| Coating concentration of antigen                                                | 0.1µg/ml | 0.1µg/ml | 0.1µg/ml  | 0.1µg/ml   |
| Working concentration of anti-Pex14 antibody                                    | 1µg/ml   | 0.1µg/ml | 0.01µg/ml | 0.001µg/ml |
| Working concentration of HRP conjugated goat anti-rabbit IgG (Catalog # BA1054) | 0.2µg/ml | 0.2µg/ml | 0.2µg/ml  | 0.2µg/ml   |
| O.D. values(450nm)                                                              | 4.9548   | 4.8432   | 4.7745    | 1.0205     |
| Antibody Status                                                                 | Pass     |          |           |            |

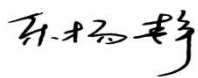
### Data Evaluation Criteria

|                                                              |          |          |
|--------------------------------------------------------------|----------|----------|
| Coating concentration of antigen                             | 0.1µg/ml | 0.1µg/ml |
| Working concentration of the primary antibody                | 1µg/ml   | 1µg/ml   |
| Working concentration of HRP conjugated goat anti-rabbit IgG | 0.2µg/ml | 0.2µg/ml |
| O.D. values (450nm)                                          | ≥ 1.0    | <1.0     |
| Antibody's affinity for the antigen                          | Strong   | Weak     |
| Antibody Status                                              | Pass     | Fail     |

### Storage

At -20°C for one year, at 4°C for one month. Avoid repeated freezing and thawing.

Approved by:



Ms. Yangjing Yue

Chief technician

Quality Control System of ELISA

Date: Sep 4, 2025