



# Anti-Endomorphin 2 polyclonal antibody (DPAB-DC4202)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

|                    |                                                                                                 |
|--------------------|-------------------------------------------------------------------------------------------------|
| Immunogen          | A synthetic peptide (conjugated with KLH) corresponding to endomorphin-2. The sequence is CYPFF |
| Isotype            | IgG                                                                                             |
| Source/Host        | Rabbit                                                                                          |
| Species Reactivity | Human                                                                                           |
| Conjugate          | Unconjugated                                                                                    |
| Applications       | IP, EIA,                                                                                        |
| Format             | Liquid                                                                                          |
| Size               | 150 µg                                                                                          |
| Buffer             | In PBS, pH 7.5 (50% glycerol, 0.01% thimerosal)                                                 |
| Preservative       | None                                                                                            |
| Storage            | Store at -20°C. Aliquot to avoid repeated freezing and thawing.                                 |

## BACKGROUND

|              |                                                                                                                                                                                                                                                                                               |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Introduction | Endomorphins are two endogenous opioid peptides. Endomorphin-1 (Tyr-Pro-Trp-Phe-NH <sub>2</sub> ) and endomorphin-2 (Tyr-Pro-Phe-Phe-NH <sub>2</sub> ) are tetrapeptides with the highest known affinity and specificity for the $\mu$ opioid receptor. Endomorphin-1 is located in the nucle |
| Keywords     | Endomorphin-2                                                                                                                                                                                                                                                                                 |