

## Product datasheet

### anti-C/EBP-beta mouse monoclonal, EBP-333, purified

#### Short overview

|                      |                  |
|----------------------|------------------|
| <b>Cat. No.</b>      | 691625           |
| <b>Quantity</b>      | 1 ml (100 µg/ml) |
| <b>Concentration</b> | 100 µg/ml        |

#### Product description

|                      |  |
|----------------------|--|
| <b>Host</b>          | Mouse  |
| <b>Antibody Type</b> | Monoclonal   |
| <b>Isotype</b>       | IgM lambda   |
| <b>Clone</b>         | EBP-333  |
| <b>Immunogen</b>     | Human C/EBP-beta recombinant protein   |
| <b>Formulation</b>   | PBS with 0.02% sodium azide  |
| <b>UniprotID</b>     | P17676 (Human)   |
| <b>Synonym</b>       | CCAAT/enhancer-binding protein beta, C/EBP beta, Liver activator protein, LAP, Liver-enriched inhibitory protein, LIP, Nuclear factor NF-IL6, Transcription factor 5, TCF-5, CEBPB, TCF5, PP9092 |
| <b>Conjugate</b>     | Unconjugated   |
| <b>Purification</b>  | Affinity chromatography  |
| <b>Storage</b>       | 2-8°C  |
| <b>Intended use</b>  | Research use only  |
| <b>Application</b>   | IHC, WB  |
| <b>Reactivity</b>    | Human  |

#### Applications

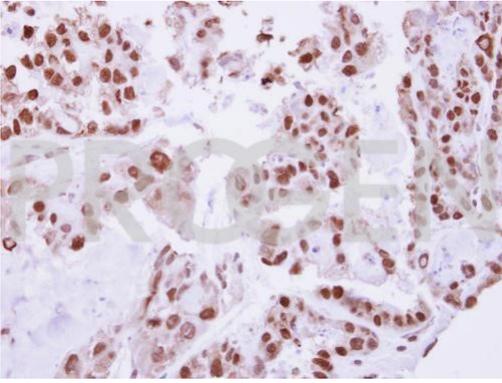
|  |                        |
|--|------------------------|
| <b>Immunohistochemistry (IHC) - frozen</b> | 1:50-1:100 (1-2 µg/ml) |
| <b>Western Blot (WB)</b>                   | 1:50-1:100 (1-2 µg/ml) |

#### Background

EBP-333 reacts with C/EBP-beta or CCAAT/enhancer-binding protein beta, a transcription factor which is not only critical for normal macrophage functioning and differentiation, but affects a variety of other factors as well, such as cytokines (IL-6; IL-4; IL-5 and TNF-alpha), neurotransmitters and other neuronal factors and processes like muscle repair and the development of multi drug resistance in tumors (P-glycoprotein). Observations have implied that manipulation of the transcription factors involved may make it possible to modulate multidrug resistance, while leaving normal function of P-glycoprotein intact.

Positive control: macrophages.

#### Product images



Ovarian cancer