

## Product datasheet for **SM3070P**

### Polynuclear Aromatic Hydrocarbons Mouse Monoclonal Antibody [Clone ID: BAP-13]

#### Product data:

|                       |   |
|-----------------------|---|
| Product Type:         | Primary Antibodies  |
| Clone Name:           | BAP-13  |
| Applications:         | ELISA, IF   |
| Recommended Dilution: | ELISA.<br>Immunocytochemistry: suitable for Immunocytochemical analysis of DNA and protein adducts of benzo[a]pyrene in tissues of various species.   |
| Host:                 | Mouse   |
| Isotype:              | IgG1  |
| Clonality:            | Monoclonal  |
| Immunogen:            | Benzo[a]pyrenyl-1-butyric acid conjugated to BSA.   |
| Specificity:          | The antibody is specific for Polynuclear Aromatic Hydrocarbons.<br>It inhibits DNA adduct formation (this ability was investigated in rat liver microsomes spiked with calf thymus DNA and 7,8-diol-B[a]P). |
| Formulation:          | Phosphate buffered saline (PBS), pH 7.4 with 15 mM sodium azide as preservative.<br>State: Purified<br>State: Liquid purified Ig fraction   |
| Concentration:        | lot specific  |
| Purification:         | Precipitation methods (> 95% by SDS-PAGE).  |
| Conjugation:          | Unconjugated  |
| Storage:              | Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20 °C for longer.<br>Avoid repeated freezing and thawing.  |
| Stability:            | Shelf life: one year from despatch.   |
| Synonyms:             | PAHs  |



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