

## Anti-DDT Antibody Picoband® Fluoro488 Conjugated

Catalog Number: A01354-Fluoro488

### About DDT

DDT, D-dopachrome tautomerization, converts D-dopachrome into 5, 6-dihydroxyindole. Northern blot analysis revealed that DDT was expressed as a 0.6-kb mRNA in all tissues tested, with the strongest expression in liver. The DDT gene in human and mouse is identical in exon structure to the MIF gene. Both genes have 2 introns that are located at equivalent positions, relative to a 2-fold repeat in protein structure. The genes for DDT and MIF are closely linked on human chromosome 22 and mouse chromosome 10.

### Overview

|                      |   |
|----------------------|---|
| Product Name         | Anti-DDT Antibody Picoband® Fluoro488 Conjugated  |
| Reactive Species     | Human, Mouse, Rat   |
| Application          | Recommended applications are based on the parent unconjugated antibody (IHC, WB). Customers may select suitable applications according to their experimental needs. |
| Clonality            | Polyclonal  |
| Formulation          | Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.02% NaN <sub>3</sub> .  |
| Storage Instructions | At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.  |
| Host                 | Rabbit  |
| Uniprot ID           | P30046  |

### Technical Details

|                     |   |
|---------------------|---|
| Immunogen           | A synthetic peptide corresponding to a sequence at the C-terminus of human DDT, which shares 80.6% amino acid (aa) sequence identity with both mouse and rat DDT. |
| Cross Reactivity    | No cross-reactivity with other proteins.  |
| Isotype             | Rabbit IgG  |
| Form                | Liquid  |
| Concentration       | 0.5 mg/mL   |
| Purification        | Immunogen affinity purified.  |
| Conjugate           | Fluoro488<br>Excitation Wavelength: 488 nm<br>Emission Wavelength: 515-545 nm   |
| Suggested Dilutions | Optimal dilutions should be determined by end users.  |

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