

Product datasheet for **AM33191PU-N**

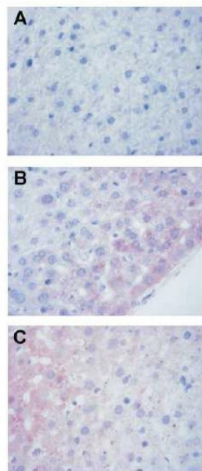
Dibromo-Tyrosine (DiBrY) Mouse Monoclonal Antibody [Clone ID: 3A5]

Product data:

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|------------------------|---|
| Product Type: | Primary Antibodies |
| Clone Name: | 3A5 |
| Applications: | ELISA, IHC, WB |
| Recommended Dilution: | ELISA (Ref.1). Western blot. immunohistochemistry on Paraffin Sections: 10 µg/ml (Ref.1). |
| Host: | Mouse |
| Isotype: | IgG1 |
| Clonality: | Monoclonal |
| Immunogen: | 3,5-Dibromo-Tyrosine KLH-conjugated. |
| Specificity: | Specific for di-halogenated Tyrosine. Recognizes Dibromo-Tyrosine (DiBrY), N-acetylated dichlorotyrosine (NAcDiClY), diiodo-tyrosine (DiIY), N-bromo-succinimide-treated BSA, HOCl-treated BSA and dibromo-tyrosine conjugated BSA. Bromotyrosine (BrY) is weakly recognized. There was no cross reactivity obtained with dityrosine-conjugated BSA, peroxydinitrite-treated BSA, tyrosine (Y), chlorotyrosine(ClY), 3-3'-dityrosine (DiY), 3-aminotyrosine (NH ₂ Y), 3-nitrotyrosine (NO ₂ Y), phenylalanine (Phe), o-phosphotyrosine, 3, 4-dihydroxyphenylacetic acid (DOPA) and 2-hydroxy-4-phenylacetic acid. No cross reactivity was obtained with brominated nucleic acids 5-bromouracil, 5-bromouridine, and 8-bromoguanosine. |
| Formulation: | 10 mM PBS pH 7.4 State: Purified State: Lyophilized purified IgG fraction |
| Reconstitution Method: | Restore in 200 µl aqua bidest to 0.1 mg/ml |
| Purification: | Protein A Chromatography |
| Conjugation: | Unconjugated |
| Storage: | Store lyophilized at 2-8°C for 6 months or at -20°C long term. After reconstitution store the antibody undiluted (in aliquots) at -20°C. Avoid repeated freezing and thawing. |
| Stability: | Shelf life: one year from despatch. |
| Synonyms: | Diamine oxidase, AOC1, DAO1, Amiloride-binding protein, Histaminase, Kidney amine oxidase |



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Product images:

Immunohistochemistry of Dibromo-tyrosine staining in Paraffin Sections of LPS-treated Mouse Liver. Antigen retrieval was performed by Microwave treatment in 0.01M Citrate buffer (pH 6.0) for 5 min. The sections were incubated with AM33191PU (10 μ g/ml) and detected using Biotinylated secondary antibody and Vectastain ABC-AP Kit. A: Liver section of untreated Mouse. B: Liver section of LPS-treated Mouse sacrificed after 24h. C: Liver section of LPS-treated Mouse sacrificed after 72h. Kato Y et al (2005) Free Radic Biol Med 38 (1): 24-31.