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Product Datasheet

Anti-3-nitroY | Nitrotyrosine (), IgG2a, Monoclonal AGR-AS10-706-25

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| Article Name | Anti-3-nitroY Nitrotyrosine (), IgG2a, Monoclonal |
| Biozol Catalog Number | AGR-AS10-706-25 |
| Supplier Catalog Number | AS10-706-25 |
| Alternative Catalog Number | AGR-AS10-706-25 |
| Manufacturer | Agrisera |
| Host | Mouse |
| Category | Antikörper |
| Application | ELISA, ICC, IHC, IP, WB |
| Species Reactivity | Canine, Human, Mouse, Rat |
| Immunogen | BSA-conjugated 3-(4-Hydroxy-3-nitrophenylacetamido) propionic acid |
| Product Description | Nitrotyrosine is a marker of NO-dependent oxidative stress. It is a product of tyrosine nitration mediated by reactive nitrogen species. Protein tyrosine nitration results in a post-translational modification, component of nitric oxide signaling.... |
| Clonality | Monoclonal |
| Isotype | IgG2a |
| Purity | Total IgG. Protein G purified, in PBS. Contains 50 % glycerol and 0.09% sodium azide. |
| Form | Liquid |

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| Antibody Type | Monoclonal Antibody |
| Application Dilute | 1: 100 (IHC), 1: 1400 (WB), The exact and optimal working dilution should be determined by the investigator |
| Application Notes | The antibody recognizes 3-nitrotyrosine moieties. No detectable crossreactivity with non-nitrated tyrosine. Not species specific. 0.7µg/ml was sufficient for detection of 5 µg SIN-1 treated BSA by Western Blot. Antibody works paraffin-embedded sections. |