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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Mouse anti-Citrullinated Fibrinogen Immunoglobulin, clone 20B2 (Monoclonal)

Clone no. 20B2

MONOSAN

| | |
|---------------------------|---|
| Product name | Mouse anti-Citrullinated Fibrinogen Immunoglobulin, clone 20B2 (Monoclonal) |
| Host | Mouse |
| Applications | IHC(1:100-1:500), WB (1:200-1:1000), ELISA(1:2000-1:4000) |
| Species reactivity | mouse, human |
| Conjugate | - |
| Immunogen | Deiminated murine fibrinogen peptide |
| Isotype | IgG1 |
| Clonality | Monoclonal |
| Clone number | 20B2 |
| Size | 100 ug |
| Concentration | n/a |
| Format | - |
| Storage buffer | lyophilized in a 10 mM ammonium bicarbonate buffer. Each vial contains 2 mg BSA |
| Storage until expiry date | 2-8°C |

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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Additional info

License is required for use outside research field. Fibrinogen is a protein produced by the liver which helps stop bleeding by helping blood clots to form. Fibrinogen gets deiminated (conversion from arginin to citrullin) by Peptidyl Arginine Deiminase (PAD) in inflamed joints in patients that develop rheumatoid arthritis. Citrulline, while being an amino acid, is not built into proteins during protein synthesis, as it is not coded for by DNA, yet several proteins are known to contain citrulline. Proteins that normally contain citrulline residues include myelin basic protein (MBP), filaggrin, and several histone proteins, while other proteins, like fibrin and vimentin can get deiminated during cell death and tissue inflammation. Patients with rheumatoid arthritis often (at least 80% of them) develop an immune response against proteins containing citrulline. Although the origin of this immune response is not known, detection of antibodies reactive with citrulline containing proteins or peptides is now becoming an important help in the diagnosis of rheumatoid arthritis.

References

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