

Datasheet for ABIN308217
anti-Nitrotyrosine antibody



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1 Image

Overview

Quantity:	100 µg
Target:	Nitrotyrosine
Reactivity:	Please inquire
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Nitrotyrosine antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunoprecipitation (IP)

Product Details

Immunogen:	ELISA,WB,IP
Clone:	2E11
Isotype:	IgG2b
Specificity:	For research use only
Purification:	Purified IgG by Affinity chromatography on Protein A

Target Details

Target:	Nitrotyrosine
Alternative Name:	Nitro Tyrosine (Nitrotyrosine Products)
Target Type:	Chemical
Background:	Tyrosine nitration is a posttranslational modification generated by a nitrogen free radical

Target Details

(peroxynitrite ONOO⁻). This reactive nitrogen specie reacts with macromolecules of the organism (amino acid, protein?) and leads to functional alterations which can either participate to adaptation or lead to cell death during cell-stress conditions.

Application Details

Application Notes: Recommended concentrations: indirect ELISA: 2 to 100ng/ml; IP: 1 µg/ml; western blot: 0.1 µg/ml. Optimal dilutions/concentrations should be determined by the end user.

Comment: For research use only

Restrictions: For Research Use only

Handling

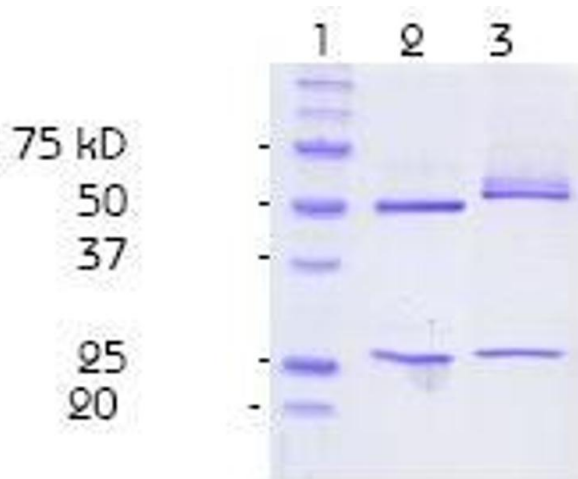
Format: Liquid

Concentration: 1 mg/ml

Buffer: Phosphate Buffered Saline 10 mM – NaCl 0,15 M – pH 7,4. Thiomrosol 0,01 % is used as preservative.

Storage: -20 °C

Images



Western Blotting

Image 1. Purity control (SDS PAGE): Polyacrylamide gel 13,5 % under denaturated conditions. Staining: Coomassie Blue. Lane 1: Molecular Weight markers. Lane 2: IgG Isotype Control. Lane 3: ABIN308217.