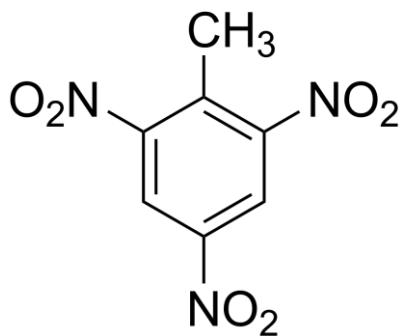




ANTI-TNT (TRINITROTOLUENE) MOUSE MONOCLONAL ANTIBODY

Host	Mouse
Applications	Lateral Flow, ELISA
Isotype	IgG1
Immunogen	TNT

About Trinitrotoluene (TNT)



Trinitrotoluene (TNT), or **2,4,6-trinitrotoluene**, is a chemical compound with the formula $C_6H_2(NO_2)_3CH_3$. It is a chemical with numerous uses, predominantly as an explosive material. First prepared in 1863, it was originally used as a yellow dye, and it was not until some 30 years later in 1891 when the explosive application was discovered. It is very stable and has a low sensitivity to friction and shock, leading to a reduced risk of accidental explosions when compared to similar explosives such as nitro-glycerine. When used as an explosive it is often mixed with other chemicals in an explosive blend comprising a varying percentage of TNT.

Available antibodies	EW75C
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Antigens detected	Trinitrotoluene (TNT)
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Trinitrotoluene Antibody origin	The Hybridoma cell line secreting this monoclonal antibody was generated at Dstl Porton Down (A UK Government Agency: Defence, Science and Technology Laboratory). This monoclonal antibody is manufactured and sold under licence from Ploughshare Innovations Ltd on behalf of the Secretary of State for Defence.
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To find out more visit www.BBISolutions.com

Characterisation

SDS PAGE Analysis

Fig 1. Non Reduced Gel

Lane 1 Bio-Rad Kaleidoscope Lot: 350001996

Lane 2 IgG Standard

Lane 9 EW75C

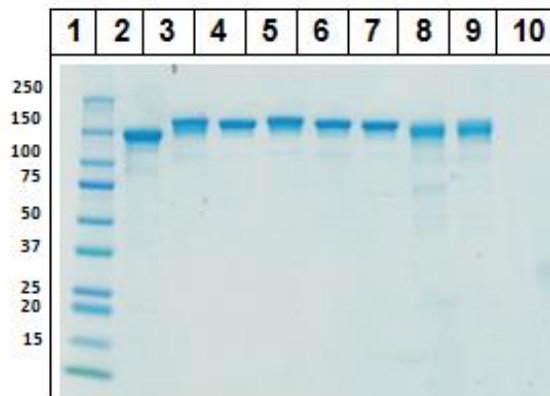


Fig 1.

Fig 2. Reduced Gel

Lane 1 Bio-Rad Kaleidoscope Lot: 350001996

Lane 2 IgG Standard

Lane 9 EW75C

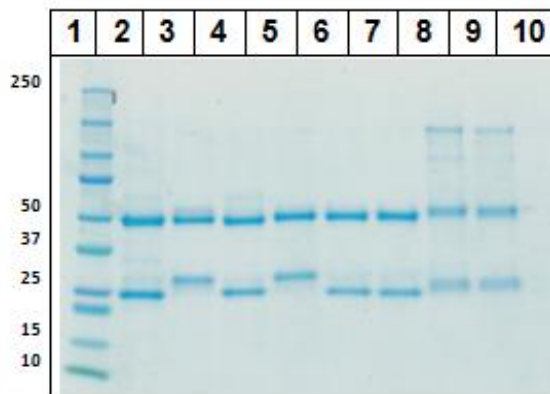


Fig 2.

Why BBI Solutions?

BBI Solutions can supply an extensive selection of antibodies for the detection of biothreat agents, explosives and infectious diseases. A number of these antibodies are sold under licence from the UK Secretary of State for Defence.