

Basic Information

Product Name	Anti-BTK Antibody (Clone#OTI12D4)	
Gene Name	BTK	
Source	Mouse	
Clonality	Monoclonal	
Isotype	IgG2a	
Species Reactivity	human, mouse, rat	
Tested Application	WB, IHC, IF, FCM	
Contents	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.	
Immunogen	Full length human recombinant protein of human BTK (NP_000052) produced in HEK293T cell.	
Concentration	500 ug/ml	
Purification	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)	
Observed MW	76 kDa	
Dilution Ratios	Western blot (WB):	1:2000
	Immunohistochemistry (IHC):	1:50
	Immunofluorescence (IF):	1:100
	Flow cytometry (FCM):	1:100

Storage

Stable for 12 months from date of receipt. Store at -20°C as received.

Background Information

The protein encoded by this gene plays a crucial role in B-cell development. Mutations in this gene cause X-linked agammaglobulinemia type 1, which is an immunodeficiency characterized by the failure to produce mature B lymphocytes, and associated with a failure of Ig heavy chain rearrangement.

Selected Validation Data

Product datasheet

Anti-BTK Antibody (Clone#OTI12D4)

Catalog Number: **M00245-3**

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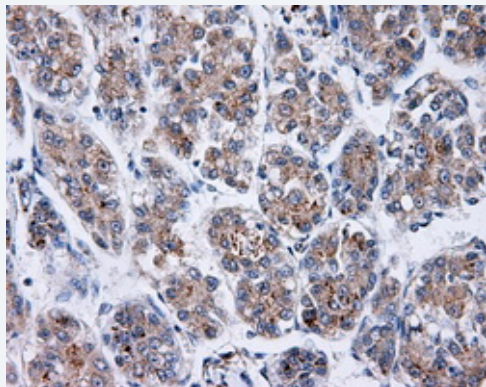


Figure 1. Immunohistochemical staining of paraffin-embedded Carcinoma of liver tissue using anti-BTK mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, M00245-3, Dilution 1:50)