BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-FLCN Antibody (Monoclonal, 32F42)

Catalog Number: M00718

About FLCN

Folliculin also known as FLCN,Birt-Hogg-Dubé syndrome protein or FLCN_HUMAN is a protein that in humans is associated with Birt-Hogg-Dubé syndrome and hereditary spontaneous pneumothorax. It is encoded by the Folliculin (FLCN) gene (alias BHD,FLCL) that acts as a tumor suppressor gene. It is mapped to 17p11.2. This gene is located within the Smith-Magenis syndrome region on chromosome 17. Mutations in this gene are associated with Birt-Hogg-Dube syndrome,which is characterized by fibrofolliculomas,renal tumors,lung cysts,and pneumothorax. Alternative splicing of this gene results in two transcript variants encoding different isoforms.

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Overview

Product Name	Anti-FLCN Antibody (Monoclonal, 32F42)
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-FLCN Antibody (Monoclonal, 32F42) catalog # M00718. Tested in WB, IHC, ICC/IF, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.
Application	Flow Cytometry, IF, IHC, ICC, WB
Clonality	Monoclonal 32F42
Formulation	Rabbit IgG in stabilizing components, phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q8NFG4

Technical Details

Immunogen	Synthetic peptide within human FLCN aa 3-48.

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Form	Liquid
Concentration	500 ug/ml
Purification	Protein A affinity purified.
Suggested Dilutions	Western blot, 1:500-2000 Immunohistochemistry, 1:50-200 Immunocytochemistry/Immunofluorescence, 1:50-200 Flow Cytometry (Fixed), 1:50-200

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For Research Use Only. Not for use in diagnostic procedures.