BOSTER BIOLOGICAL TECHNOLOGY
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Anti-TMEM119 Antibody (Monoclonal, 31T39)

Catalog Number: M09325

About TMEM119

Involved in positive regulation of bone mineralization; positive regulation of osteoblast differentiation; and positive regulation of osteoblast proliferation. Located in plasma membrane.

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Overview

Product Name	Anti-TMEM119 Antibody (Monoclonal, 31T39)
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-TMEM119 Antibody (Monoclonal, 31T39) catalog # M09325. Tested in WB, ICC/IF, IP, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.
Application	Flow Cytometry, IP, IF, ICC, WB
Clonality	Monoclonal 31T39
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	Q4V9L6

Technical Details

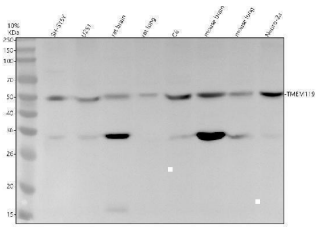
Immunogen	Recombinant protein within mouse TMEM119 aa 115-278.
Form	Liquid
Concentration	500 ug/ml

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Purification	Protein A affinity purified.
Suggested Dilutions	Western blot, 1:500-2000 Immunocytochemistry/Immunofluorescence, 1:50-200 ImmunoPrecipitation, 1:50 Flow Cytometry (Fixed), 1:50-200

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Anti-TMEM119 Antibody (Monoclonal, 31T39) (M09325) Images



Western blot analysis of TMEM119 using anti-TMEM119 antibody (M09325). Electrophoresis was performed on a 10% SDS-PAGE gel at 80V (Stacking gel) / 120V (Resolving gel) for 2 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1: human SH-SY5Y whole cell lysates, Lane 2: human U251 whole cell lysates, Lane 5: rat brain tissue lysates, Lane 6: rat lung tissue lysates, Lane 5: rat C6 whole cell lysates, Lane 7: mouse brain tissue lysates, Lane 7: mouse lung tissue lysates, Lane 8: mouse Neuro-2a whole cell lysates.After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-TMEM119 antigen affinity purified monoclonal antibody (M09325) at 1:500 overnight at 4°C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:5000 for 1.5 hour at RT. The signal is developed using an ECL Plus Western Blotting Substrate (Catalog # AR1196-200) with Tanon 5200 system. A specific band was detected for TMEM119 at approximately 52 kDa. The expected band size for TMEM119 is at 29 kDa.

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