

Anti-Cingulin/CGN Antibody (Monoclonal, 34C08)

Catalog Number: M02373

About CGN

Cingulin is a component of the cytoplasmic plaque of tight junction, and is localized on the cytoplasmic face of tight junctions of polarized epithelia and some endothelia. Cingulin is a homodimer, each subunit containing a globular "head" domain, a coiled-coil "rod" domain and a small globular "tail" region. Cingulin can interact with ZO-1, ZO-2, ZO-3, actin, and myosin. It probably plays a role in the formation and regulation of the tight junction paracellular permeability barrier.

Overview

Product Name	Anti-Cingulin/CGN Antibody (Monoclonal, 34C08)
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Cingulin/CGN Antibody (Monoclonal, 34C08) catalog # M02373. Tested in WB, IHC, ICC/IF, IP, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.
Application	Flow Cytometry, IP, IF, IHC, ICC, WB
Clonality	Monoclonal 34C08
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	Q9P2M7

Technical Details

Immunogen	Recombinant protein within Human Cingulin aa 752-998.
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

ImmunoPrecipitation, 1:50
Flow Cytometry (Fixed), 1:50-200

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