

## Anti-ADAM2 Antibody Picoband®

Catalog Number: PA2069

### About ADAM2

ADAM2 (A Disintegrin and Metalloproteinase Domain 2), also known as FTNB or PH30, is an enzyme that in humans is encoded by the ADAM2 gene. This gene encodes a member of the ADAM (a disintegrin and metalloprotease domain) family. Members of this family are membrane-anchored proteins structurally related to snake venom disintegrins, and have been implicated in a variety of biological processes involving cell-cell and cell-matrix interactions, including fertilization, muscle development, and neurogenesis. This member is a subunit of an integral sperm membrane glycoprotein called fertilin, which plays an important role in sperm-egg interactions. Burkin et al. (1997) used fluorescence in situ hybridization to map the FTNB gene to 8p11.2.

### Overview

Product Name	Anti-ADAM2 Antibody Picoband®
Reactive Species	Human
Description	Boster Bio Anti-ADAM2 Antibody catalog # PA2069. Tested in WB applications. This antibody reacts with Human. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Application	WB
Clonality	Polyclonal
Formulation	Each vial contains antibody formulated with stabilizing components, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3. *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 from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q99965

### Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human ADAM2.
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Rabbit IgG (EK1002) for Western blot.

Cross Reactivity	No cross-reactivity with other proteins
Isotype	Rabbit IgG
Form	Lyophilized
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Purification	Immunogen affinity purified.
Suggested Dilutions	Western blot, 0.1-0.5ug/ml, Human

## Anti-ADAM2 Antibody Picoband® (PA2069) Images



Anti-ADAM2 antibody, PA2069, Western blottingWB: SMMC  
Cell Lysate

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Anti-ADAM2 Antibody

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