

## Anti-IQGAP1 Antibody Picoband® Fluoro550 Conjugated

Catalog Number: A01603-1-Fluoro550

### About IQGAP1

Ras GTPase-activating-like protein IQGAP1 (IQGAP1) also known as p195 is a ubiquitously expressed protein that in humans is encoded by the IQGAP1 gene. It is mapped to 15q26.1. This gene encodes a member of the IQGAP family. The protein contains four IQ domains, one calponin homology domain, one Ras-GAP domain and one WW domain. It interacts with components of the cytoskeleton, with cell adhesion molecules, and with several signaling molecules to regulate cell morphology and motility. Expression of the protein is upregulated by gene amplification in two gastric cancer cell lines.

### Overview

Product Name	Anti-IQGAP1 Antibody Picoband® Fluoro550 Conjugated
Reactive Species	Human
Application	Recommended applications are based on the parent unconjugated antibody (ELISA, Flow Cytometry, IF, IHC, ICC, WB). Customers may select suitable applications according to their experimental needs.
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.02% NaN <sub>3</sub> .
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.
Host	Rabbit
Uniprot ID	P46940

### Technical Details

Immunogen	E.coli-derived human IQGAP1 recombinant protein (Position: S2-H578).
Cross Reactivity	No cross-reactivity with other proteins.
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Fluoro550 Excitation Wavelength: 562 nm Emission Wavelength: 576 nm
Suggested Dilutions	Optimal dilutions should be determined by end users.

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