

## Anti-ARA9/AIP Antibody Picoband® (monoclonal, 10G8) Fluoro488 Conjugated

Catalog Number: M02759-Fluoro488

### About AIP

AIP, also known as, ARA9 or XAP-2, is a protein that in humans is encoded by the AIP gene. This gene is mapped to 11q13.2. The encoded protein is found in the cytoplasm as part of a multiprotein complex, but upon binding of ligand is transported to the nucleus. AIP may play a positive role in aryl hydrocarbon receptor-mediated signalling possibly by influencing its receptivity for ligand and/or its nuclear targeting. It has been shown that AIP is the cellular negative regulator of the hepatitis B virus (HBV) X protein. AIP mutations may be the cause of a familial form of acromegaly, familial isolated pituitary adenoma (FIPA).

### Overview

Product Name	Anti-ARA9/AIP Antibody Picoband® (monoclonal, 10G8) Fluoro488 Conjugated
Reactive Species	Human, Monkey, Mouse, Rat
Application	Flow Cytometry
Clonality	Monoclonal 10G8
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.02% Na <sub>3</sub> N.
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.
Host	Mouse
Uniprot ID	O00170

### Technical Details

Immunogen	E.coli-derived human ARA9 recombinant protein (Position: D91-H330). Human ARA9 shares 95% amino acid (aa) sequence identity with both mouse and rat ARA9.
Cross Reactivity	No cross-reactivity with other proteins.
Isotype	Mouse IgG2b
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Fluoro488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm

Suggested Dilutions

Flow Cytometry, Optimal dilutions should be determined by end users.

## Submit a product review to Biocompare.com

Submit a review of this product to Biocompare.com to receive a \$20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.



Anti-ARA9/AIP Antibody (monoclonal, 10G8) - Fluoro488

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