

Product datasheet

Mouse IgG2 α , Kappa Monoclonal [MOPC-173] - Isotype Control - CHIP Grade ab18413

[61 References](#) [1 Image](#)

Overview

Product name	Mouse IgG2 α , Kappa Monoclonal [MOPC-173] - Isotype Control - CHIP Grade
Specificity	This Balb/c myeloma derived clone has unknown specificity and was chosen as an isotype control after screening on a variety of resting, activated, live, and fixed rat and human tissues.
Tested applications	Suitable for: IP, WB, IHC-Fr, IHC-P, Flow Cyt, ChIP/Chip, ChIP
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C.
Storage buffer	pH: 7.20 Preservative: 0.09% Sodium azide Constituent: PBS
Purity	Protein A purified
Clonality	Monoclonal
Clone number	MOPC-173
Isotype	IgG2 α
Light chain type	kappa

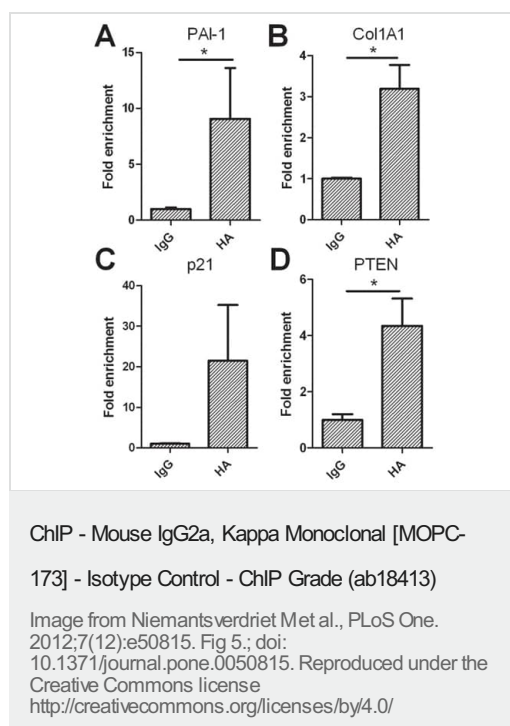
Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab18413 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IP		Use at an assay dependent concentration.
WB		Use at an assay dependent concentration.
IHC-Fr		Use at an assay dependent concentration.
IHC-P		Use at an assay dependent concentration.
Flow Cyt		Use at an assay dependent concentration.
ChIP/Chip		Use at an assay dependent concentration. PubMed: 18636108
ChIP		Use at an assay dependent concentration. PubMed: 18636108

Images



ChIP of Δ Np73 binding with SBE. The relative amount of Δ Np73 associated DNA as pulled down with an antibody directed against HA, is represented as a fold enrichment compared to pull-down with IgG (background, ab18413). Gene enrichment was quantified by qPCR using primers specific for the promoter regions of A) PAI-1, B) Col1a1 and C) p21^{WAF} within the SBEs. Primers specific for PTEN (D) were used as a positive control. Pulldown antibody is shown on the x-axis, with y-axis showing fold enrichment \pm SEM. * represents p-value > 0.05.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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