

Ikaros Monoclonal Antibody

CAB3565

Description

This Ikaros Monoclonal Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU: CAB3565

Contents: 20 µL, 100 µL

Bradford Reagent: 1 vial (2ml)

Category: Monoclonal Antibody

Synonyms: IK1, LYF1, LyF-1, CVID13, IKAROS, PPP1R92, PRO0758, ZNFN1A1, Hs.54452, Ikaros

Clone: ARC0803

Applications: **WB** **IF/ICC** **ChIP** **ELISA** **CUT&Tag**

Conjugation: Unconjugated

Reactivity: Human, Mouse

Antibody Data

Gene ID: 10320

Uniprot: AB_2863089

Host Species: Rabbit

Purification: Affinity purification

Observed MW: 58kDa

Calculated MW: 58kDa

Preparation & Storage

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

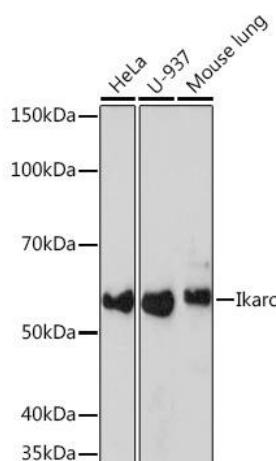
Store Bradford Reagent at Room Temperature for 1 Year.

Positive Sample: HeLa, U-937, Mouse lung

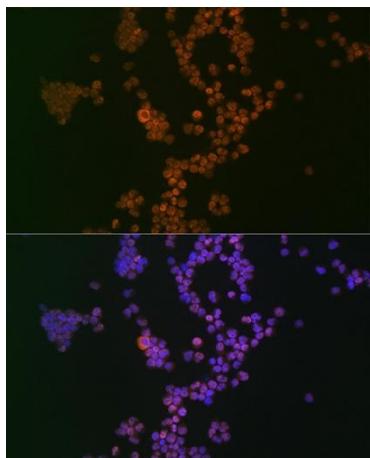
Recommended Dilutions:	WB	1:500 - 1:2000
	IF/ICC	1:50 - 1:200
	ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. ChIP 5µg antibody for 10µg-15µg of Chromatin CUT&Tag 10^5 cells / 1 µg

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

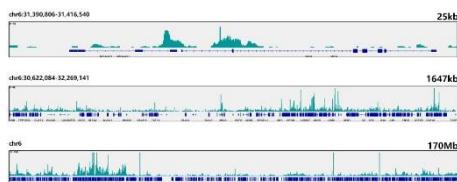
Validation Data



Western blot analysis of various lysates using Ikaros Rabbit mAb (CAB3565) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 3min.



Immunofluorescence analysis of Jurkat cells using Ikaros Rabbit mAb (CAB3565) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (CABS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



CUT&Tag was performed using the CUT&Tag Assay Kit (pAG-Tn5) for Illumina from 10^5 cells with 1 μ g Ikaros Rabbit mAb (CAB3565), along with a Goat Anti-Rabbit IgG(H+L). The CUT&Tag results indicate the enrichment pattern of Ikaros in representative gene loci (MICA), as shown in figure.