JunD Monoclonal Antibody

CAB5433

Description

This JunD 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:	CAB5433
Contents:	20 µL, 100 µL Bradford Reagent: 1 vial (2ml)
Category:	Monoclonal Antibody
Synonyms:	AP-1, JunD
Clone:	ARC1408
Applications:	WB ChIP ELISA CUT&Tag
Conjugation:	Unconjugated
Reactivity:	Human

Antibody Data

Gene ID:	3727
Uniprot:	AB_2863501
Host Species:	Rabbit
Purification:	Affinity purification
Observed MW:	38 kDa/42 kDa
Calculated MW:	35 kDa

Preparation & Storage

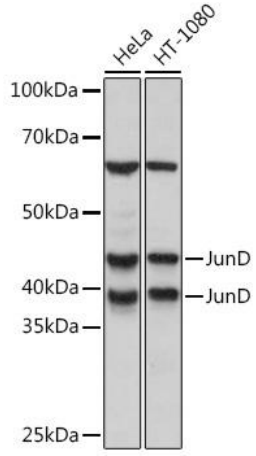
Storage:	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3. Store Bradford Reagent at Room Temperature for 1 Year.
Positive Sample:	HeLa, HT-1080

Recommended Dilutions:

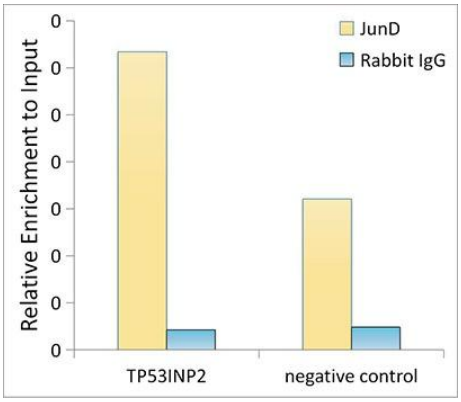
WB	1:1000 - 1:6000 ChIP 5µg antibody for 10µg-15µg of Chromatin CUT&Tag 10^5 cells /1 µg
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

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 JunD Rabbit mAb (CAB5433) 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: 3s.



Chromatin immunoprecipitation analysis of extracts of HepG2 cells, using JunD antibody (CAB5433) and rabbit IgG.The amount of immunoprecipitated DNA was checked by quantitative PCR. Histogram was constructed by the ratios of the immunoprecipitated DNA to the input.