

ARG44207 anti-MYCBP antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes MYCBP
Tested Reactivity	Hu
Tested Application	FACS, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	MYCBP
Species	Human
Immunogen	Recombinant protein of Human MYCBP
Conjugation	Un-conjugated
Alternate Names	MYCBP; MYC Binding Protein; AMY-1; C-Myc Binding Protein; C-Myc-Binding Protein; Associate Of Myc-1; Associate Of Myc 1; AMY1

Application Instructions

Application table	Application	Dilution
	FACS	1-3 µg/1x10 ⁶ cells
	IHC-P	2-5 µg/ml
	WB	0.25-0.5 µg/ml

Application Note * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

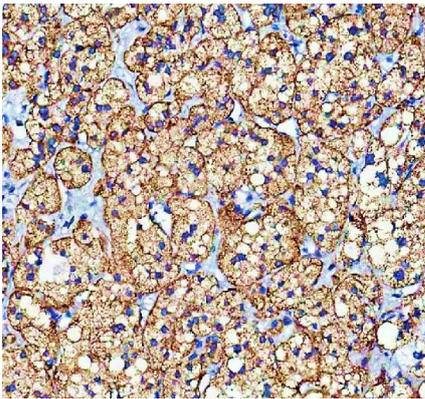
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.05% Sodium azide and 5% BSA.
Preservative	0.05% Sodium azide
Stabilizer	5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Bioinformation

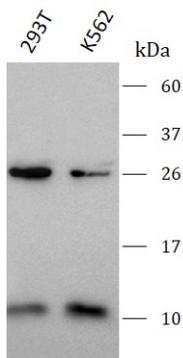
Gene Symbol	MYCBP
Gene Full Name	Myc Binding Protein
Background	The protein encoded by this gene binds to the N-terminus of the oncogenic protein C-MYC, enhancing the ability of C-MYC to activate E box-dependent transcription. The encoded protein is normally found in the cytoplasm, but it translocates to the nucleus during S phase of the cell cycle and associates with C-MYC. This protein may be involved in spermatogenesis. This gene can be silenced by microRNA-22. Two transcript variants, one protein-coding and the other probably not protein-coding, have been found for this gene.
Function	May control the transcriptional activity of MYC. Stimulates the activation of E box-dependent transcription by MYC.
Calculated Mw	12 kDa
Cellular Localization	Cytoplasm, Mitochondrion, Nucleus

Images



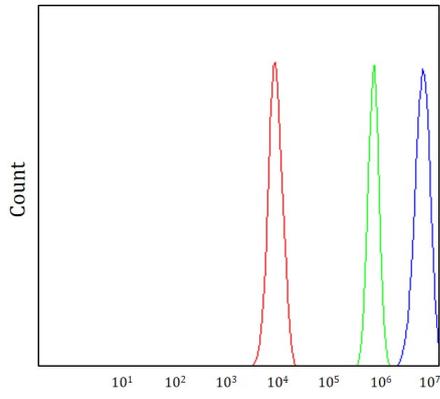
ARG44207 anti-MYCBP antibody IHC-P image

Immunohistochemistry: Human adrenal adenomas stained with ARG44207 anti-MYCBP antibody at 2 $\mu\text{g}/\text{mL}$ dilution.



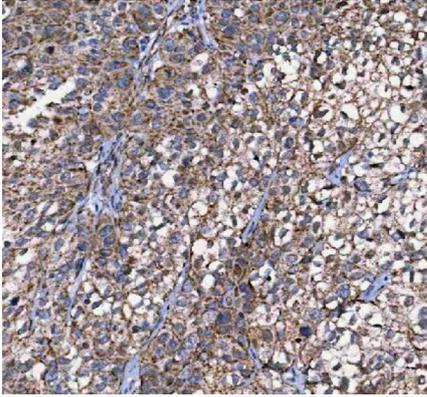
ARG44207 anti-MYCBP antibody WB image

Western blot: 293T and K562 stained with ARG44207 anti-MYCBP antibody at 0.5 $\mu\text{g}/\text{mL}$ dilution.



ARG44207 anti-MYCBP antibody FACS image

Flow Cytometry: PC-3 stained with ARG44207 anti-MYCBP antibody at $1 \mu\text{g}/1 \times 10^6$ cells dilution.



ARG44207 anti-MYCBP antibody IHC-P image

Immunohistochemistry: Human bladder urothelial carcinoma stained with ARG44207 anti-MYCBP antibody at $2 \mu\text{g}/\text{mL}$ dilution.