



Anti- C/EBP β antibody

BACKGROUND

C/EBP β is a bZIP transcription factor which can bind as a homodimer to certain DNA regulatory regions. It can also form heterodimers with the related proteins CEBP-alpha, CEBP-delta, and CEBP-gamma. This protein is important in the regulation of genes involved in immune and inflammatory responses and has been shown to bind to the IL-1 response element in the IL-6 gene, as well as to regulatory regions of several acute-phase and cytokine genes.

Product type	Primary antibody
Immunogen	Recombinant GST-fused mouse C/EBP beta (full length).
Host	Rat
Clone number	7D2
Isotype	IgG2a, κ
Source	Culture supernatant
Purification	Ion-exchange chromatography
Form	Liquid
Presentation	Purified monoclonal antibody in PBS, 50% Glycerol, 0.05%w/v ProClin300
Concentration	0.5 mg/mL
Volume	200 μ L
Label	Unlabeled
Specificity	C/EBP beta
Cross reactivity	Mouse Other species have not been tested.
Storage	Store below -20°C (below -70°C for prolonged storage) Aliquot to avoid cycles of freeze/thaw.

Other

Application notes	Recommended use WB, ICC, IHC Not tested for other applications.
	Recommended dilutions Western blotting, 1/1,000 to 1/5,000 Immunocytochemistry, 1/500 Immunohistochemistry, 1/100 to 1/500
	Optimal dilutions/concentrations should be determined by the end user.
References	1) Tsukada et al., (2011) Cytokine, 54, 6-19.

ANTIBODY CHARACTERIZATION

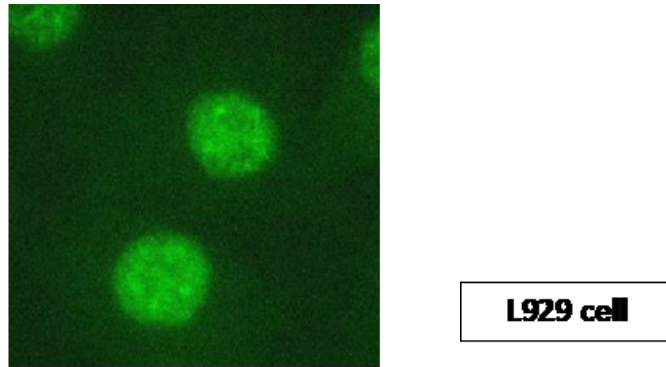


Fig.1 Immunocytochemistry/ Immunofluorescence – C/EBP beta antibody (7D2), L929(mouse) cells

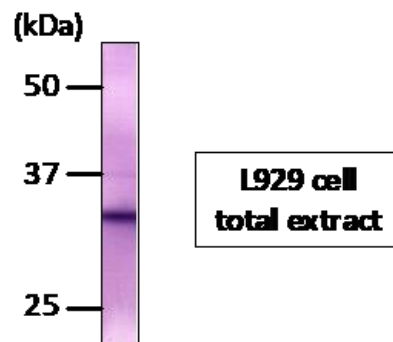


Fig.2 Western blot - C/EBP beta antibody (7D2), L929(mouse) cell total extracts.

For research use only, Not for diagnostic use.



COSMO BIO Co., LTD.

【JAPAN】

TOYO EKIMAE BLDG. 2-20, TOYO 2-CHOME,
KOTO-KU. TOKYO 135-0016, JAPAN

Phone: +81-3-5632-9610

FAX: +81-3-5632-9619

URL: <https://www.cosmobio.co.jp/>



COSMO BIO USA

【Outside Japan】

2792 Loker Ave West, Suite 101
Carlsbad, CA 92010, USA

email: info@cosmobioussa.com

Phone/FAX: (+1) 760-431-4600

URL: www.cosmobioussa.com