

Product datasheet

Anti-CBFb antibody [EPR6321] ab124693

Recombinant **RabMAb**

[2 Images](#)

Overview

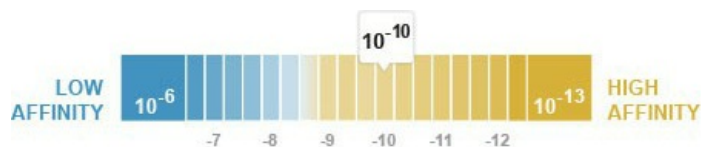
Product name	Anti-CBFb antibody [EPR6321]
Description	Rabbit monoclonal [EPR6321] to CBFb
Host species	Rabbit
Tested applications	Suitable for: WB, ICC Unsuitable for: Flow Cyt, IHC-P or IP
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide within Human CBFb aa 1-100. The exact sequence is proprietary.
Positive control	K562, Jurkat and HUVEC cell lysates.
General notes	Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.

Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to [RabMAb[®] patents](#).

This product is a [recombinant rabbit monoclonal antibody](#).

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
Dissociation constant (K_D)	K _D = 1.97 x 10 ⁻¹⁰ M



[Learn more about K_D](#)

Storage buffer	pH: 7.20 Preservative: 0.05% Sodium azide Constituents: 40% Glycerol, 9.85% Tris glycine, 50% Tissue culture supernatant
Purity	Tissue culture supernatant

Clonality	Monoclonal
Clone number	EPR6321
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab124693** 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
WB		1/1000 - 1/10000. Detects a band of approximately 22 kDa (predicted molecular weight: 22 kDa).
ICC		1/100 - 1/250.

Application notes Is unsuitable for Flow Cyt, IHC-P or IP.

Target

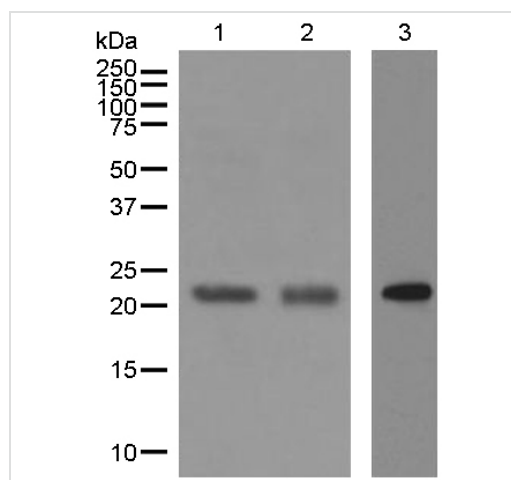
Function CBF binds to the core site, 5'-PYGPYGGT-3', of a number of enhancers and promoters, including murine leukemia virus, polyomavirus enhancer, T-cell receptor enhancers, LCK, IL3 and GM-CSF promoters. CBFβ enhances DNA binding by RUNX1.

Involvement in disease Note=A chromosomal aberration involving CBFβ is associated with acute myeloid leukemia of M4EO subtype. Pericentric inversion inv(16)(p13;q22). The inversion produces a fusion protein that consists of the 165 N-terminal residues of CBF-beta (PEPB2) with the tail region of MYH11.

Sequence similarities Belongs to the CBF-beta family.

Cellular localization Nucleus.

Images



All lanes : Anti-CBFβ antibody [EPR6321] (ab124693) at 1/1000 dilution

Lane 1 : K562 cell lysate

Lane 2 : Jurkat cell lysate

Lane 3 : HUVEC cell lysate

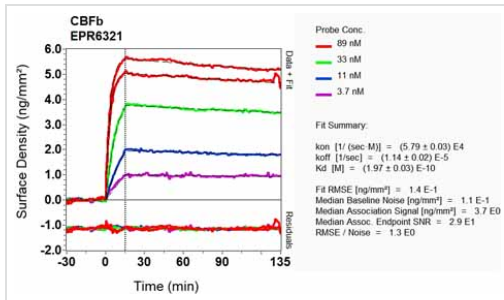
Lysates/proteins at 10 µg per lane.

Secondary

All lanes : Goat anti-Rabbit HRP at 1/2000 dilution

Predicted band size: 22 kDa

Western blot - Anti-CBFβ antibody [EPR6321] (ab124693)



Other - Anti-CBFb antibody [EPR6321] (ab124693)

Equilibrium dissociation constant (K_D)

Learn more about K_D

[Click here to learn more about \$K_D\$](#)

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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