

Product datasheet

Anti-CCRK antibody [EPR7338(2)] ab138494

Recombinant **RabMAb**

[2 Images](#)

Overview

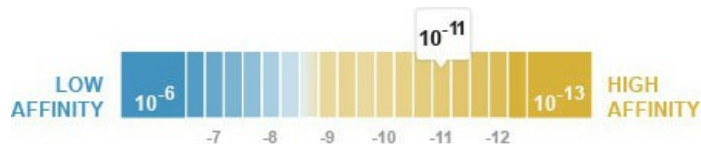
Product name	Anti-CCRK antibody [EPR7338(2)]
Description	Rabbit monoclonal [EPR7338(2)] to CCRK
Host species	Rabbit
Tested applications	Suitable for: WB Unsuitable for: Flow Cyt, ICC/IF, IHC-P or IP
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide within Human CCRK aa 250-350. The exact sequence is proprietary.
Positive control	HepG2 and HCT-116 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.
Dissociation constant (K_D)	K _D = 9.98 x 10 ⁻¹¹ M



[Learn more about K_D](#)

Storage buffer	Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol, 0.05% BSA, 50% Tissue culture supernatant
Purity	Tissue culture supernatant
Clonality	Monoclonal

Clone number EPR7338(2)
Isotype IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab138494** 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. Predicted molecular weight: 39 kDa.

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

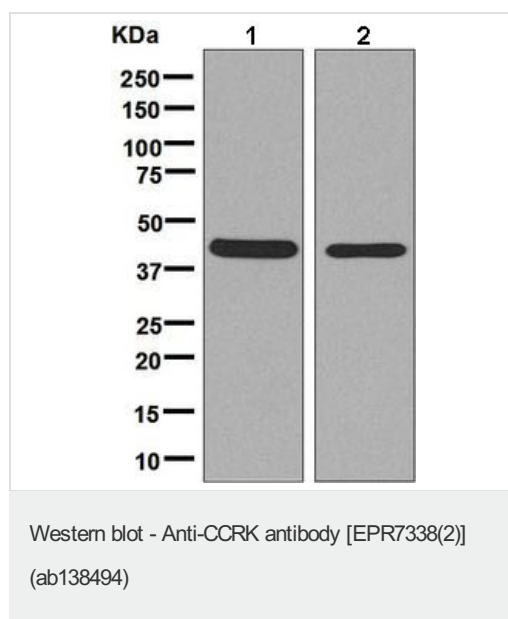
Target

Function Required for high-level Shh responses in the developing neural tube. Together with BROMI, controls the structure of the primary cilium by coordinating assembly of the ciliary membrane and axoneme, allowing GLI2 to be properly activated in response to SHH signaling (By similarity). Involved in cell growth. Activates CDK2, a kinase involved in the control of the cell cycle, by phosphorylating residue 'Thr-160'.

Sequence similarities Belongs to the protein kinase superfamily. CMGC Ser/Thr protein kinase family. CDC2/CDKX subfamily.
Contains 1 protein kinase domain.

Cellular localization Nucleus. Cytoplasm. Cell projection > cilium.

Images



All lanes : Anti-CCRK antibody [EPR7338(2)] (ab138494) at 1/1000 dilution

Lane 1 : HepG2 cell lysate

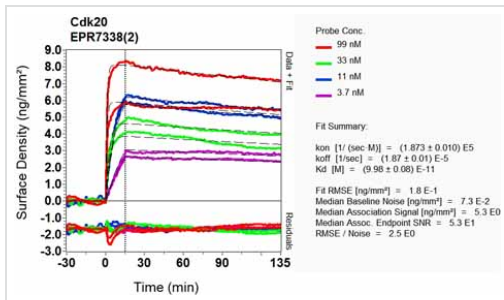
Lane 2 : HCT-116 cell lysate

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : HRP labelled goat anti-rabbit at 1/2000 dilution

Predicted band size: 39 kDa



Other - Anti-CCRK antibody [EPR7338(2)]
(ab138494)

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. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- Response to your inquiry within 24 hours
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- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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