

Product datasheet

Anti-RNF123 antibody ab57549

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概述

产品名称	Anti-RNF123抗体
描述	小鼠单克隆抗体to RNF123
宿主	Mouse
经测试应用	适用于: WB, IP, IHC-FoFr, Flow Cyt
种属反应性	与反应: Rat, Human
免疫原	Recombinant fragment: ADYISADELA QVEQMLAHLT SASAQAAAAS LPTSEEDLCP ICYAHPI SAV FQPCGHKSCK ACINQHLMNN KDCFFCKTTI VSVEDWEKGA NTSTSSAA, corresponding to amino acids 1216-1315 of Human RNF123 Run BLAST with ExPASy Run BLAST with NCBI

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
存储溶液	Preservative: None PBS, pH 7.2
纯度	Protein G purified
克隆	单克隆
同种型	IgG1
轻链类型	kappa

应用

Our [Abpromise guarantee](#) covers the use of **ab57549** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

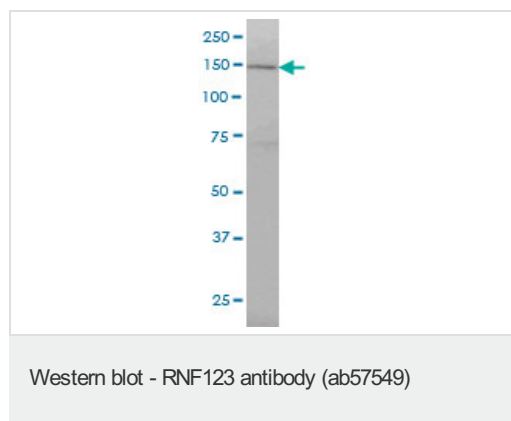
应用	Ab评论	说明
WB		Use a concentration of 1 - 5 µg/ml. Predicted molecular weight: 149 kDa.

应用	Ab评论	说明
IP		Use at an assay dependent concentration. PubMed: 21229311
IHC-FoFr		Use at an assay dependent concentration. PubMed: 21229311
Flow Cyt		Use 1µg for 10 ⁶ cells. ab170190 - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.

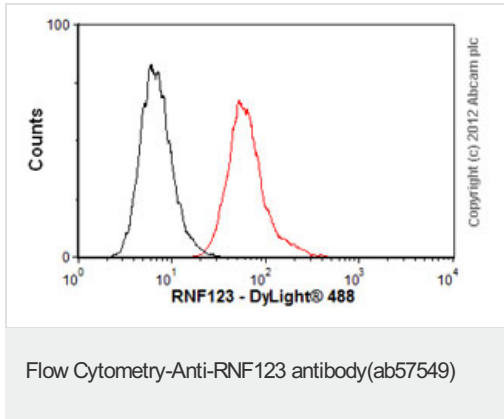
靶标

功能	Catalytic subunit of the KPC complex that acts as E3 ubiquitin-protein ligase. Required for poly-ubiquitination and proteasome-mediated degradation of CDKN1B during G1 phase of the cell cycle.
通路	Protein modification; protein ubiquitination.
序列相似性	Contains 1 B30.2/SPRY domain. Contains 1 RING-type zinc finger.
翻译后修饰	Ubiquitinated, leading to its degradation. Deubiquitinated by USP19, thereby stimulating CDKN1B ubiquitin-dependent degradation.
细胞定位	Cytoplasm.

图片



RNF123 antibody (ab57549) at 1ug/lane +
HeLa cell lysate at 25ug/lane.



Overlay histogram showing HeLa cells stained with ab57549 (red line). The cells were fixed with 80% methanol (5 min) and then permeabilized with 0.1% PBS-Tween for 20 min. The cells were then incubated in 1x PBS / 10% normal goat serum / 0.3M glycine to block non-specific protein-protein interactions followed by the antibody (ab57549, 1µg/1x10⁶ cells) for 30 min at 22°C. The secondary antibody used was DyLight® 488 goat anti-mouse IgG (H+L) (ab96879) at 1/500 dilution for 30 min at 22°C. Isotype control antibody (black line) was mouse IgG1 [ICIGG1] (ab91353, 2µg/1x10⁶ cells) used under the same conditions. Acquisition of >5,000 events was performed.

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