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Datasheet for ABIN560554 anti-CD55 antibody (AA 35-134)

5 Images

1 Publication



Overview

Quantity:	100 µg
Target:	CD55
Binding Specificity:	AA 35-134
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD55 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Proximity Ligation Assay (PLA)

Product Details

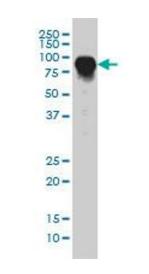
Purpose:	Mouse monoclonal antibody raised against a partial recombinant DAF.
Immunogen:	DAF (NP_000565, 35 a.a. ~ 134 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	DCGLPPDVPN AQPALEGRTS FPEDTVITYK CEESFVKIPG EKDSVICLRG SQWSDIEEFC NRSCEVPTRL NSASLKQPYI TQNYFPVGTV VEYECRPGYR
Clone:	1G3
lsotype:	lgG1
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

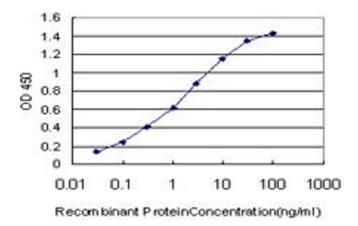
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Target Details

Target:	CD55
Alternative Name:	CD55 (CD55 Products)
Background:	Full Gene Name: CD55 Molecule, decay accelerating factor for complement (Cromer blood
	group)
	Synonyms: CR,CROM,DAF,TC
Gene ID:	1604
NCBI Accession:	NM_000574
Pathways:	Complement System, Regulation of Leukocyte Mediated Immunity
Application Details	
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only
Handling	
Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Publications	
Product cited in:	Asanov, Zepeda, Vaca: "A novel form of Total Internal Reflection Fluorescence Microscopy (LG
	TIRFM) reveals different and independent lipid raft domains in living cells." in: Biochimica et
	highly size acts Val 1901 Jacus 2 pp 147 FE (2010) (PubMad)

biophysica acta, Vol. 1801, Issue 2, pp. 147-55, (2010) (PubMed).



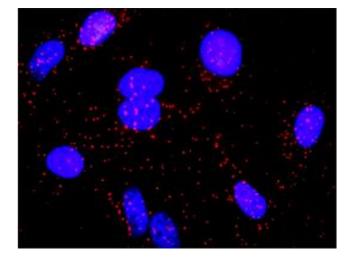


Western Blotting

Image 1. DAF monoclonal antibody (M01), clone 1G3 Western Blot analysis of DAF expression in HeLa.

ELISA

Image 2. Detection limit for recombinant GST tagged DAF is approximately 0.03ng/ml as a capture antibody.



Proximity Ligation Assay

Image 3. Proximity Ligation Analysis of protein-protein interactions between LCK and CD55. HeLa cells were stained with anti-LCK rabbit purified polyclonal 1:1200 and anti-CD55 mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).

Please check the product details page for more images. Overall 5 images are available for ABIN560554.

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