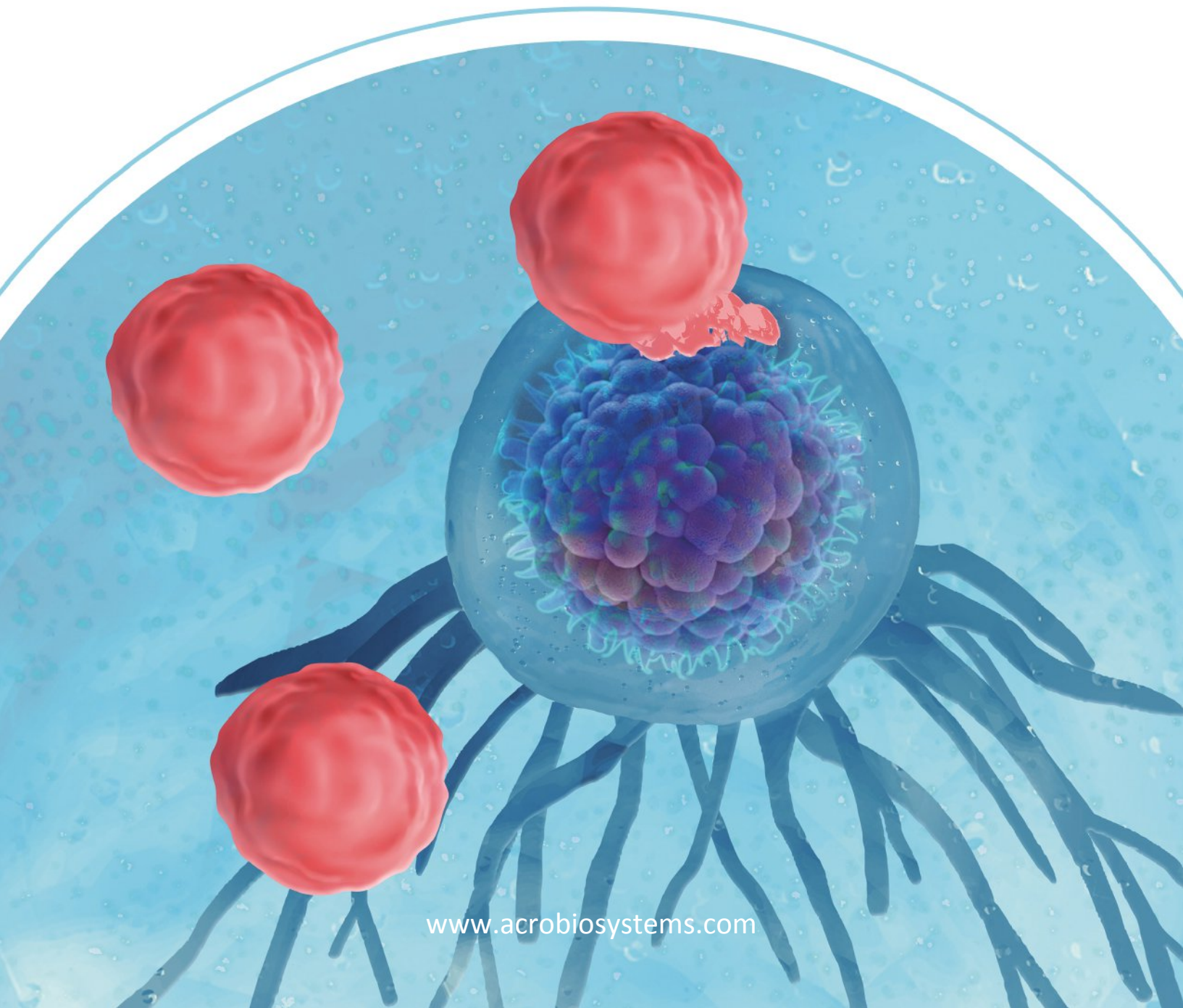


Solutions for Evaluation of CAR Expression

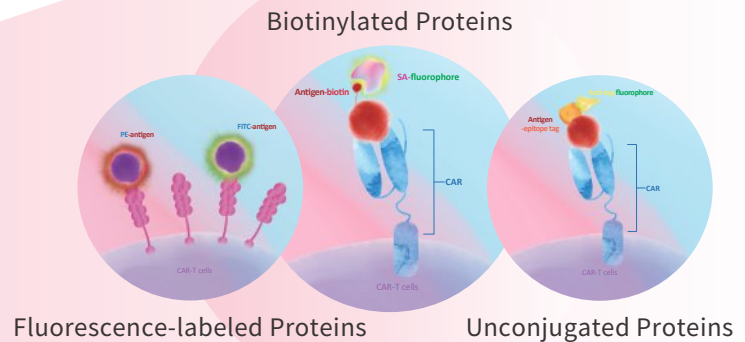
PE-labeled Proteins

FITC-labeled Proteins

Biotinylated Proteins



- 50+ CAR-T targets
- Designed for CAR detection
- Free protocols



- High standard quality control system
- ISO 9001:2015 and ISO 13485:2016 certified facility



DEPARTMENT OF HEALTH AND HUMAN SERVICES

Food and Drug Administration
Silver Spring, MD 20993

DMF 034936

DMF ACKNOWLEDGEMENT

ACROBIOSYSTEMS CO., LTD.
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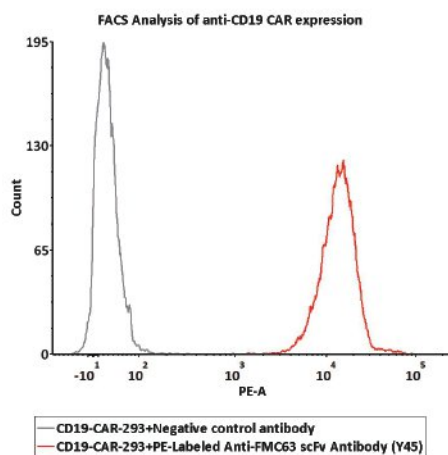
- FDA DMF filed proteins
- Supports IND, NDA and BLA filings
- Ideal for detecting CAR expression

Hot Products

1 Fluorescent-labeled Anti-FMC63 scFv Antibody for Detecting Anti-CD19(FMC63) CARs in Clinical Trials

Cat. No.	FM3-HPY53, FM3-FY45
Conjugates	FITC\PE-labeled anti-FMC63 scFv antibody
Application	Ideal for detecting FMC63 derived anti-CD19 CARs by flow cytometry in clinical trials.
Features	High sensitivity and specificity. Minimal non-specific background.

👍 PE-labeled anti-FMC63 antibody can detect FMC63 derived CD19 CAR expression

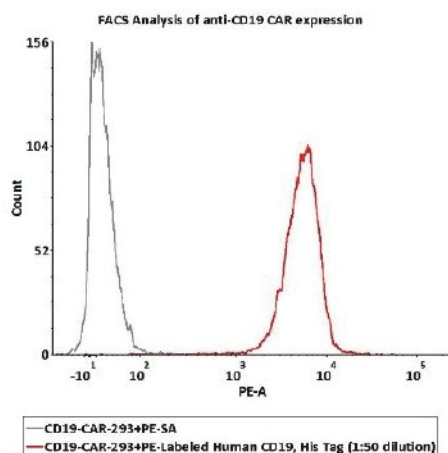


1e6 of the Anti-CD19 CAR-293 cells were stained with 100 μ L of 1:50 dilution (2 μ L stock solution in 100 μ L FACS buffer) of PE-Labeled Monoclonal Anti-FMC63 scFv Antibody, Mouse IgG1 (Cat. No. FM3-HPY53) and negative control antibody respectively, PE signal was used to evaluate the binding activity.

2 Fluorescent-labeled CD19 Proteins for Detecting Anti-CD19 CARs

Cat. No.	CD9-HP2H3, CD9-HF2H2, CD9-HF251
Conjugates	FITC\PE-labeled CD19 protein
Application	Suitable for detecting anti-CD19 CAR expression by flow cytometry and PK assays.
Features	One-step detection. Minimal non-specific background.

👍 PE-labeled CD19 protein can specifically detect CD19 CAR expression by FACS

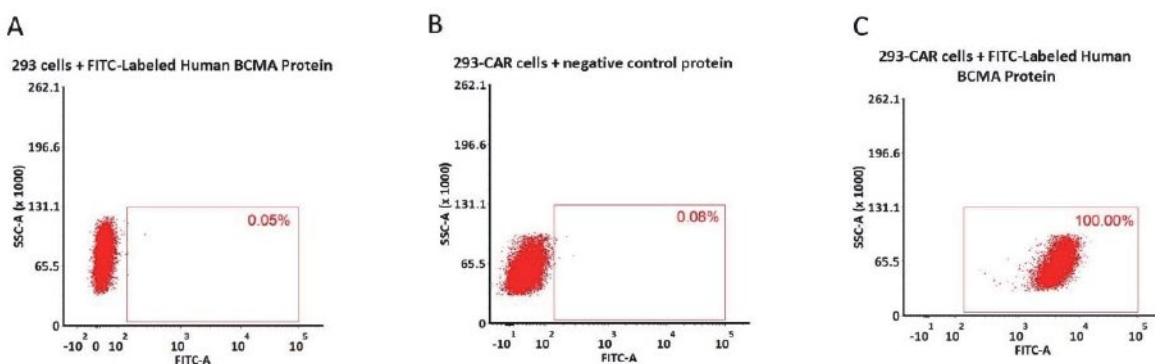


1e6 of the anti-CD19 CAR-293 cells were stained with 100 μ L of 1:50 dilution (2 μ L stock solution in 100 μ L FACS buffer) of PE-Labeled Human CD19 (20-291), His Tag (Cat. No. CD9-HP2H3). PE Streptavidin was used as negative control.

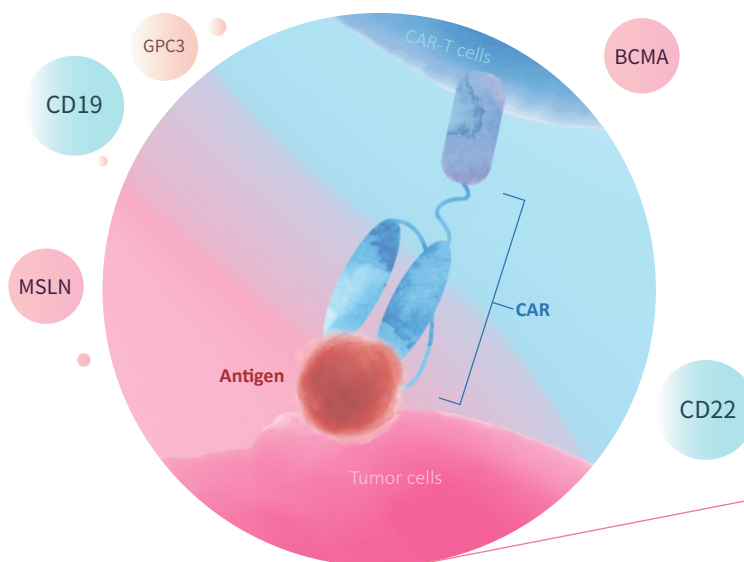
3 Star Staining Fluorescent-labeled Products

Cat. No.	BCA-HF2H3、CD9-HF2H3
Conjugates	FITC-labeled BCMA and CD19 proteins
Application	Suitable for detecting CAR expression by flow cytometry and PK assays
Features	Using new-generation site-specific labeling technology to maintain natural bioactivity; High batch-to-batch consistency; High specificity and sensitivity verified by flow cytometry.

👍 Star staining FITC-labeled BCMA protein can detect BCMA CAR with high specificity



2e5 of 293 CAR cells transfected with anti-BCMA-scFv were stained with 100 μ L of 1 μ g/mL of FITC-Labeled Human BCMA, His Tag (Cat. No. **BCA-HF2H3**) and negative control protein respectively (Fig. C and B), and non-transfected 293 cells were used as a control (Fig. A), FITC signal was used to evaluate the binding activity.



CAR-T Target Products

1 PE-labeled Proteins

Molecule	Cat.No.	Species	Tag	Host
CD19	CD9-HP2H3	Human	His	HEK293
BCMA	BCA-HP2H2 ^{NEW}	Human	His	HEK293
FMC63	FM3-HPY53 ^{NEW}	Human	Tag Free	HEK293
MSLN	MSN-HP2H5	Human	His	HEK293
SLAMF7	SL7-HP2H3	Human	His	HEK293
Siglec-3	CD3-HP2E3	Human	His	HEK293
CLEC12A	CLA-HP2Q3	Human	His	HEK293
Her2	HE2-HP2E3	Human	His	HEK293
CD30	CD0-HP2E3	Human	His	HEK293
CD4	CD4-HP2E3	Human	His	HEK293
CD7	CD7-HP2E3 ^{NEW}	Human	His	HEK293
EGF R	EGR-HP2E3	Human	His	HEK293
ROR1	RO1-HP2E3	Human	His	HEK293
Glypican 3	GP3-HP2E3 ^{NEW}	Human	His	HEK293
EGFRvIII	EGI-HP2E3	Human	His	HEK293
GUCY2C	GUC-HP2E3	Human	His	HEK293
CD5	CD5-HP2H6	Human	His	HEK293
PSMA	PSA-HP2Q3	Human	His	HEK293
FOLR1	FO1-HP2H9	Human	His	HEK293
B7-H3 (4Ig)	B7B-HP2H9	Human	His	HEK293

2 FITC-labeled Proteins

Molecule	Cat.No.	Species	Tag	Host
BCMA	BCA-HF2H3 ^{Star staining}	Human	His	HEK293
CD19	BCA-HF2H3 ^{Star staining}	Human	His	HEK293
	CD9-HF2H2 ^{DMF}	Human	His	HEK293
	CD9-HF251 ^{DMF}	Human	Fc	HEK293
BCMA	BCA-HF254 ^{DMF}	Human	Fc	HEK293
	BCA-HF2H1 ^{DMF}	Human	His	HEK293
Her2	HE2-HF224	Human	His	HEK293
FMC63	FM3-FY45 ^{NEW}	Human	Tag Free	HEK293
CD22	SI2-HF2H6	Human	His	HEK293
GPC3	GP3-HF2H1	Human	His	HEK293
MSLN	MSN-HF223	Human	His	HEK293
EGF R	EGR-HF2H5	Human	His	HEK293
PSMA	PSA-HF244	Human	His	HEK293
GUCY2C	GUC-HF2H8	Human	His	HEK293
CD70	CDD-HF2D4	Human	His	HEK293

Molecule	Cat.No.	Species	Tag	Host
CLEC12A	CLA-HF247	Human	His	HEK293
FAP	FAP-HF243 ^{NEW}	Human	His	HEK293
CD138	SD1-HF228	Human	His	HEK293
CD20	RIB-FY35c	Mouse	Tag Free	HEK293
B7-H3	B7B-HF2E7	Human	His	HEK293

• More FITC-labeled proteins

CD38	Her3	CD4	ROR1	CEACAM5
CD33	CD30	CD123	IL13RA2	CD147
Nectin-4	VEGF R2	EpCAM	CD8	CD7
FOLR1	EGFRvIII	SLAMF7	CD5	NKG2D
CD99	CD98			

3 Biotinylated Proteins

Molecule	Cat.No.	Species	Tag	Host
BCMA	BC7-H82F0 ^{DMF}	Human	Fc & Avi	HEK293
	BCA-H82E4 ^{DMF}	Human	His & Avi	HEK293
CD19	CD9-H82F7	Human	Fc & Avi	HEK293
	CD9-H82E9	Human	His & Avi	HEK293
CD22	SI2-H82F8	Human	Fc & Avi	HEK293
FMC63	FM3-BY45	Mouse	Tag Free	Hybridoma
GPC3	GP3-H82E5	Human	His & Avi	HEK293
Her2	HE2-H82E2	Human	His & Avi	HEK293
MSLN	MSN-H82E9	Human	His & Avi	HEK293
	MSN-H82F6	Human	Fc & Avi	HEK293
CEACAM5	CE5-H82E0	Human	His & Avi	HEK293
EGF R	EGR-H82E3	Human	His & Avi	HEK293
GUCY2C	GUC-H82E9	Human	His & Avi	HEK293
	GUC-H82F8	Human	Fc & Avi	HEK293
HGF R	MET-H82E1	Human	His & Avi	HEK293
CD138	SY1-H82E2	Human	His & Avi	HEK293
	SY1-H82F3	Human	Fc & Avi	HEK293
FAP	FAP-H82Q6 ^{NEW}	Human	His & Avi	HEK293
	FAP-C82Q5 ^{NEW}	Cynomolgus	His & Avi	HEK293
	FAP-M82Q5 ^{NEW}	Mouse	His & Avi	HEK293
CA125	CA5-H82F4	Human	Fc & Avi	HEK293
CD70	TN7-H82F4	Human	Fc & Avi	HEK293
CLEC12A	CLA-H82E6	Human	His & Avi	HEK293
	CLA-H82F7	Human	Fc & Avi	HEK293

- More Biotin-labeled proteins

CD38	Her3	Nectin-4	CD133	EGFRvIII
CD4	ROR1	CD147	EGFRvIII	EpCAM
FOLR1	SLAMF7	CD8	CD30	VEGF R2
CD33				

4 Unconjugated Proteins

Molecule	Cat.No.	Species	Tag	Host
CD19	CD9-H52H2 ^{DMF}	Human	His	HEK293
	CD9-H5251 ^{DMF}	Human	Fc	HEK293
BCMA	BC7-H5254 ^{DMF}	Human	Fc	HEK293
	BCA-H522y ^{DMF}	Human	His	HEK293
FMC63	FM3-Y45	Mouse	Tag Free	Hybridoma
	FM3-Y45P1 ^{NEW}	Mouse	Tag Free	HEK293
GPC3	GP3-H5258	Human	Fc	HEK293
	GP3-H52H4	Human	His	HEK293
MSLN	MSN-H5253	Human	Fc	HEK293
	MSN-H522a	Human	His	HEK293
Her2	HE2-H5225	Human	His	HEK293
CD22	CD2-H52H8	Human	His	HEK293
EGF R	EGR-H5252	Human	Fc	HEK293
CEACAM-5	CE5-H5226	Human	His	HEK293
PSMA	PSA-H52H3	Human	His	HEK293
HGF R	MET-H5227	Human	His	HEK293
GUCY2C	GUC-H52H5	Human	His	HEK293
CLEC12A	CLA-H5266	Human	Fc	HEK293
FAP	FAP-H5244 ^{NEW}	Human	His	HEK293
CD138	SY1-H5225	Human	His	HEK293

- More unconjugated proteins

CD38	CD33	CD70	IL-3 R alpha	CD8 alpha
Her3	Nectin-4	CD30	EpCAM	IL-13 R alpha 2
ROR1	PSCA	EGFRvIII	SLAMF7	NKG2D
FOLR1				

Her2 BAFFR LAG-3
 Fc Receptor Siglec-10
 Biotinylated Protein
 PD-L1 VEGF165 CD3 epsilon
 CD20 PD-1 BCMA
 CD27 PVRIG
 CD47 PSMA
 FGL1 TFPI
 Siglec-15 Integrin
 CD24 CD3E & CD3D CD20
 CD19 FcRn PCSK9
 IL-2 R alpha
 CAR-T Target Protein
 Glypican 3 Integrin MICA PD-1
 FcRn ADA Service CD30 MICA
 EGF R B7-H3 BCMA CD3E & CD3D
 Integrin TIGIT TGF-beta 1
 4-1BB Siglec-15
 Biotinylated Protein
 CD20 CD200 GITR Nectin-4
 VEGF165 CD73 FGLI
 PCSK9 CD69 Nectin-4
 IgG1 Fc CD40 PD-L1
 SIRP alpha ADA Service PSMA
 Nectin-4 Biotinylated Protein CD3E & CD3D IL-2
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