Why AFfirm™ mAb from Affinity?

▶ The AFfirm™ family of mouse monoclonal antibodies are generated from specific peptide antigens. There are significant advantages over the 80% of recombinant protein antigens on the market:

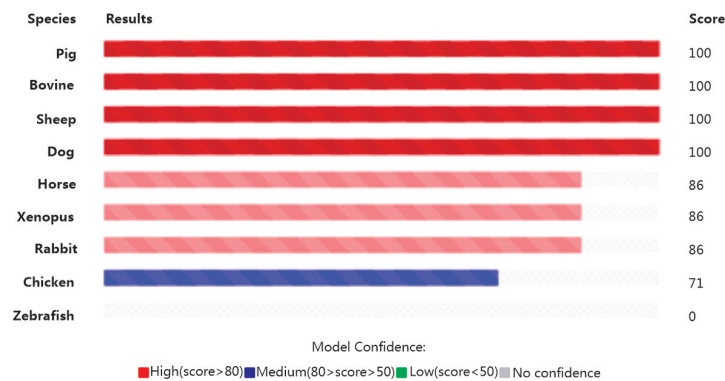The specificity is highly guaranteed and the location of the recognized protein is more defined.

A synthesized peptide derived from human CASP3(Accession P42574), corresponding to amino acid residues C163-M182.

The red part is the recognition epitope as shown.

Homology prediction for antibody recognition epitope and target protein is more informative.

Predictions: Score>80(red) has high confidence and is suggested to be used for WB deterction. *The prediction model is mainly based on the alignment of immunogen sequences, the results are for reference only, not as the basis of quality assurance.

Species	Results	Score
Pig		100
Bovine		100
Sheep		100
Dog		100
Horse		86
Xenopus		86
Rabbit		86
Chicken		71
Zebrafish		0

Model Confidence:
■ High(score>80) ■ Medium(80>score>50) ■ Low(score<50) ■ No confidence

In contrast to the time-consuming and laborious determination of antibody epitopes, AFfirm family monoclonal antibodies are born with a clear epitope recognition.

▶ Based on flow-sorting technology, we are able to screen monoclonal cell lines with the highest affinity for the AFfirm™ family of monoclonal antibodies. This can be 10-50 times higher than traditional mouse monoclonal antibodies (dilution 1:10,000, 10s).

Western blot analysis of extracts from various samples, using hnRNP A1 Antibody(1:10k,10s exp). Lane 1:Raw264.7 cells treated with blocking peptide, Lane 2: Raw264.7 cells, Lane 3:A375 cells.

▶ The R&D cycle for the AFfirm family of monoclonal antibodies has been significantly shortened.

▶ Endogenous WB has been used as the qualification criteria for the full range of AFfirm™ monoclonal antibodies. Compared to overexpressed and recombinant protein samples, endogenous detection is the best standard.

▶ The full range of AFfirm™ antibodies are available in customized components, supplied in mg-grade and g-grade.

AFFINITY BIOSCIENCES GROUP LTD
Contact: order@affbiotech.com
Web: www.affbiotech.com
Add: Building D18, NO.118, Jingang Road, Kunlun Street, 213300
Liyang City, Changzhou, Jiangsu, China

2020 AWARDS CiteAb
2019 AWARDS CiteAb

Cat#	Des#	Cat#	Des#	Cat#	Cat#	Cat#	Cat#
BF0219	E-cadherin Ab	BF8049	CTCF mAb	BF8094	Glutamine Synthetase mAb	BF8140	ATF1 mAb
BF0560	MMP9 Ab	BF8050	Laminin 2 alpha mAb	BF8095	LRRC42 mAb	BF8141	PDCD4 mAb
BF0722	Histone H2B Ab	BF8051	ALDOA mAb	BF8096	CDH12 mAb	BF8142	AR mAb
BF8002	HIF1 alpha mAb	BF8052	YTHDF1 mAb	BF8097	ABHD3 mAb	BF8143	14-3-3 zeta/delta mAb
BF8003	GSK3A/B mAb	BF8053	ANO9 mAb	BF8098	BCL7B mAb	BF8144	Aurora A mAb
BF8004	p44/42 MAPK (Erk1/2) mAb	BF8054	hnRNP A1 mAb	BF8099	CCDC131 mAb	BF8145	hnRNP C1/C2 mAb
BF8005	NF-kB p65 mAb	BF8055	TRIM59 mAb	BF8100	LGR5 mAb	BF8146	EGFR mAb
BF8006	Vimentin mAb	BF8056	ATPG mAb	BF8101	UGT1A4 mAb	BF8147	RUNX1/AML1 mAb
BF8008	SIGLEC15 mAb	BF8057	Zyxin mAb	BF8102	DYNLT1 mAb	BF8148	Vitamin D Receptor mAb
BF8009	Lamin B1 mAb	BF8058	ACVL1 mAb	BF8103	EEF1A2 mAb	BF8149	Chk1 mAb
BF8010	MBP mAb	BF8059	CYP19A1 mAb	BF8104	ATXN7 mAb	BF8150	CD44 mAb
BF8011	PERK mAb	BF8060	COX6C mAb	BF8105	RHOF mAb	BF8151	NF kappaB p105/p50 mAb
BF8012	TGF beta 1 mAb	BF8061	AKR1CL2 mAb	BF8106	PPM1E mAb	BF8152	beta Catenin mAb
BF8013	p53 mAb	BF8062	MRPL11 mAb	BF8107	SLC18A2 mAb	BF8153	Paxillin mAb
BF8014	H2A mAb	BF8063	ELAVL1 mAb	BF8108	ATXN7L1 mAb	BF8154	FOXO3A mAb
BF8015	p38 MAPK mAb	BF8064	LAMB2 mAb	BF8109	SFRS16 mAb	BF8155	Rel mAb
BF8016	beta Catenin mAb	BF8065	AGTR1 mAb	BF8110	ATXN7L1 mAb	BF8156	EFNB2 mAb
BF8017	Nrf2 mAb	BF8066	PTHR1 mAb	BF8111	IKK-beta mAb	BF8157	eNOS mAb
BF8018	DDIT3/CHOP mAb	BF8067	HCRTR1 mAb	BF8112	Insulin Receptor alpha mAb	BF8158	TrkA mAb
BF8019	IL17A mAb	BF8068	ATP5A1 mAb	BF8113	ADD1 mAb	BF8159	HSP27 mAb
BF8020	HO-1 mAb	BF8069	VWF mAb	BF8114	Tyrosine Hydroxylase mAb	BF8160	STAT1 mAb
BF8021	IL1 beta mAb	BF8070	ABHD8 mAb	BF8115	14-3-3 zeta mAb	BF8161	p70 S6 Kinase mAb
BF8022	Claudin 18.2 mAb	BF8071	HP mAb	BF8116	SLC9A2 mAb	BF8163	ERK1/2 mAb
BF8023	GFAP mAb	BF8072	OLR1 mAb	BF8117	SGK1 mAb	BF8164	STAT5 mAb
BF8024	GRP78 mAb	BF8073	CCNK mAb	BF8118	SFRS18 mAb	BF8165	Cortactin mAb
BF8028	CREB mAb	BF8074	ACTR3 mAb	BF8119	Hsp90 beta mAb	BF8166	ASK1 mAb
BF8029	NLRP3 mAb	BF8075	CD46 mAb	BF8120	AMPK alpha mAb	BF8167	NF-kB p65 mAb
BF8030	Cytokeratin 4 mAb	BF8076	RNF2 mAb	BF8121	C/EBP alpha mAb	BF8168	PKD1/PKC mu mAb
BF8031	Estrogen Receptor-alpha mAb	BF8077	FOXA1 mAb	BF8122	NR3C1 mAb	BF8169	RPS6 mAb
BF8032	Nucleophosmin mAb	BF8078	CYP1B1 mAb	BF8123	MAP3K8/COT mAb	BF8170	GSK3 alpha mAb
BF8033	Annexin A2 mAb	BF8079	Factor B/CFB mAb	BF8124	HER2/ErbB2 mAb	BF8171	Cofilin mAb
BF8034	Ubiquitin mAb	BF8080	SULT1A1 mAb	BF8125	Lamin A/C mAb	BF8172	MEF2A mAb
BF8035	PD-L1 mAb	BF8081	TRPV3 mAb	BF8126	PI3K p85/p55 mAb	BF8173	ELK1 mAb
BF8036	c-Myc mAb	BF8082	AIFM1 mAb	BF8127	p53 mAb	BF8174	MSK1 mAb
BF8037	TGM2 mAb	BF8083	Zyxin mAb	BF8128	ALK mAb	BF8175	Vimentin mAb
BF8038	HDAC5 mAb	BF8084	PGRMC1 mAb	BF8129	CCR5 mAb	BF8176	NF-kB p65 mAb
BF8039	XRCC1 mAb	BF8085	Prohibitin mAb	BF8130	IKK-beta mAb	BF8177	GluR1 mAb
BF8040	FOXJ1 mAb	BF8086	RanBP1 mAb	BF8131	VASP mAb	BF8178	AMPK beta 1 mAb
BF8041	Synuclein alpha mAb	BF8087	FMR1NB mAb	BF8132	Collagen V alpha 1 mAb	BF8179	Lck mAb
BF8042	Insulin mAb	BF8088	FN3K mAb	BF8133	CD31 mAb	BF8180	STAT4 mAb
BF8043	Glucagon mAb	BF8089	MRPL2 mAb	BF8134	EGFR mAb	BF8181	TAK1 mAb
BF8044	Galectin 3 mAb	BF8090	ZNF600 mAb	BF8135	Insulin Receptor beta mAb	BF8182	Ezrin mAb
BF8046	MAGE 1 mAb	BF8091	OR3A4 mAb	BF8136	EGFR mAb	BF8183	Chk2 mAb
BF8047	Estrogen Receptor-alpha Ab	BF8092	Olfactory receptor 2A42 Ab	BF8137	p130 Cas mAb	BF8184	VEGFR1 mAb
BF8048	TLS/FUS mAb	BF8093	OR4C46 mAb	BF8138	PDGF Receptor beta mAb	BF8185	Synapsin I mAb