



Cell damage and toxicity



Hycult[®]Biotech

bringing innate immunity to the **next level**

Cell damage and toxicity

Hycult Biotech is a leading world-class manufacturer of research reagents in the field of innate immunity. We are a specialized partner in the development and manufacturing of assays, antibodies, proteins and peptides. With the focus on innate immunity, we pay special attention to products relating to antimicrobial peptides, complement, acute phase proteins, TLR, LPS and microbial toxins.

Highly sensitive measurement of cytosolic proteins allows early and rapid detection of loss of cell membrane integrity. Highly sensitive detection of disturbed cell membrane integrity is of importance in cellular toxicology studies and in various experimental and clinical situations like myocardial infarction and liver transplantation. Examples of the latter are myocardial infarction and liver transplantation. Fatty acid binding proteins (FABP) with tissue specificity are especially useful for early detection of ischemically damaged organs. Interestingly, ischemically damaged organs are characterized histologically by (near) absence of FABP, facilitating recognition of such areas.

Validated ELISA kit sample types:

CS: Cell culture supernatant	P: Plasma
S: Serum	U: Urine

Can't find the sample type you want for an ELISA kit?

Ask the support team to assist you with your research needs on support@hycultbiotech.com

ELISA kits			
Product name	Species	Sample types	Cat. #
H-FABP	Human	P S	HK402
H-FABP	Mouse	P S	HK413
H-FABP	Rat	P S	HK414
I-FABP	Human	CS P S U	HK406
L-FABP	Human	CS P S U	HK404
TRACP5a	Human	P S	HK363

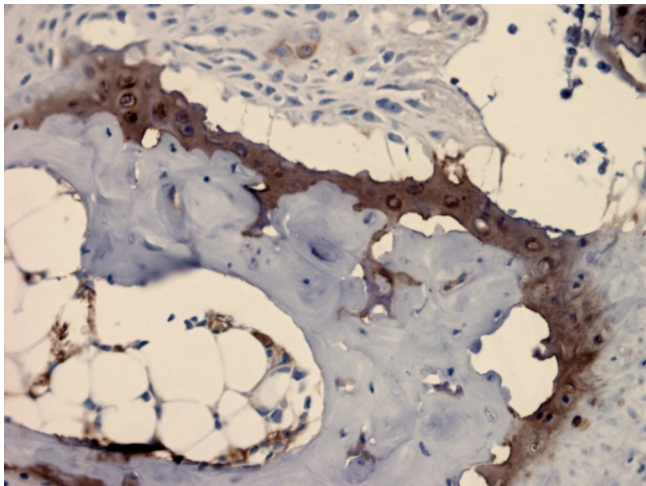
Validated antibody applications:

F: Frozen sections	FC: Flow cytometry
FS: Functional studies	IA: Immunoassay
IF: Immunofluorescence	IP: Immunoprecipitation
P: Paraffin sections	W: Western blot

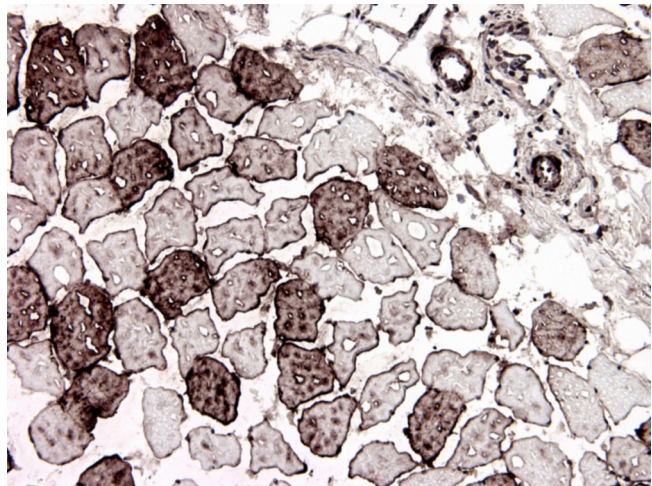
Antibodies				
Product name	Clone	Species	Applications	Cat. #
A-FABP	pAb	Human	IA W	HP9028
Alpha-Dystroglycan	2238	Bovine	IA P W	HM5010
Amyloid-beta (N-term)	VU17	Human	F IA IP P	HM2325
Apoptotic Neutrophils	BOB93	Human	FC W	HM2154
Aquaporin-4	4H1	Human	IF W	HM2341
ATP7A	pAb	Mouse and rat	F IF P W	HP8040
B-CK	CK-BYK/21E10	Human	F IF P W	HM2110
Beta2-adrenoceptor	6H8	Human	FC FS IA	HM2238
B-FABP	1F5	Human	FC IA W	HM2299
B-FABP	2D2	Human	FC IA	HM2300
B-FABP	pAb	Human	IA W	HP9029

Antibodies

Product name	Clone	Species	Applications	Cat. #
Carcinoma associated antigen MAM6	115D8	Human	F IP P W	HM2131
CD26	5E8	Rat	F IA IP W	HM3021
CD36	FA6-152	Human	F FC FS IA IF IP	HM2122
CD36	CRF D2712	Mouse	FC FS IF IP W	HM1074
Collagen II	CIIC1	Mouse	F FS IA P	HM1062
Collagen II	M2139	Mouse	FS IA P	HM1063
E-FABP	pAb	Human	IA P W	HP9030
Endostatin	1837-46	Human	F FC IA P W	HM2188
EphB1, B2, B3	EfB1-3	Mouse	F IF W	HM1113
Ephrin B1	EfrnB1	Mouse	F IF W	HM1114
Ephrin B4	VEB4-7E4	Mouse	F FC IA IF W	HM1099
Fibroblasts	ER-TR7	Mouse	F FC IF P	HM1086
H-FABP	66E2	Human	F IA IP W	HM2016
H-FABP	67D3	Human	F IA IP W	HM2018
HMGB1	5H6	Human	FC IF W	HM2337
HMGB1	5H6	Mouse	FC IF W	HM1136
HMGB1	5H6	Rat	FC IF W	HM3043
I-FABP	pAb	Human	IA W	HP9020
IGF-1R	1B1	Human	FC IA IF	HM2340
IL-FABP	pAb	Human	IA W	HP9031



Collagen II in mouse paw cartilage. Staining of paraffin section with clone M2139 (Cat. # HM1063)



H-FABP in human skeletal muscle. Staining of frozen section with clone 67D3 (Cat. # HM2018)

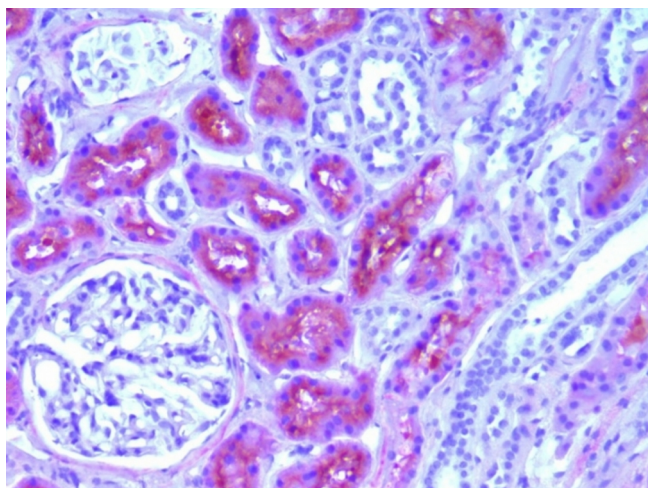
Want a conjugated antibody?

Visit our website to see all available formats or contact us!

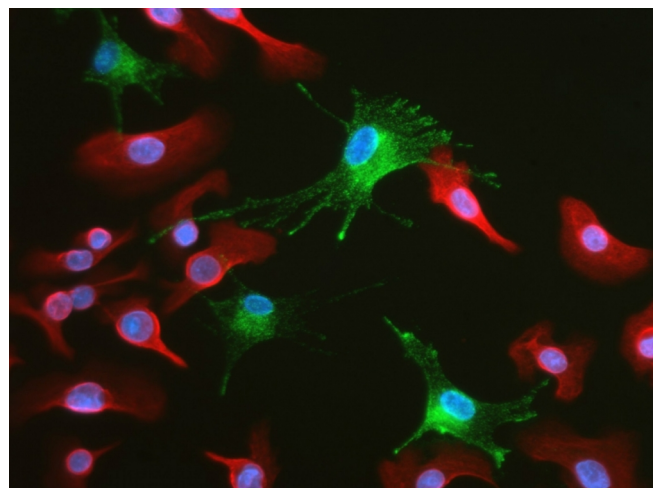
Need a custom formulation?

Ask us and we will advise you on the possibilities!

Antibodies				
Product name	Clone	Species	Applications	Cat. #
IL-FABP	pAb	Mouse	IA P W	HP8011
Keratin 7	OVTL 12/30	Human	P W	HM2128
L-FABP	K5A6	Human	F IA W	HM2051
L-FABP	L2B10	Human	F IA P W	HM2049
Melanoma associated antigen	NKI/beteb	Human	F IF IP P	HM2130
Melanoma associated antigen	NKI/M6	Human	F	HM2129
M-FABP	pAb	Human	IA W	HP9032
Muscarinic acetylcholine receptor M2	B8E5	Human	F FS IA IF W	HM2239
Phosphotyrosine	P9V6	N/A	IA W	HM5003
PMP22	CF1	Human	IA P W	HM2219
Prion PrPSC	1.5D7	N/A	F IA P W	HM5011
SUMO-1	1B12-E2	Human	IA P W	HM2327
TIM-4	Kat5-18	Mouse	FC FS IA IF	HM1111
TRACP5	162	Human	IA IP W	HM2307
TRACP5a	220	Human	IA IP P W	HM2308
Ubiquitin	Ubi-1	N/A	F IA IF IP P W	HM5009
VG5Q	pAb	Human	F IA IP P W	HP9037
VG5Q	pAb	Mouse	F IA IP P W	HP8017



L-FABP in human kidney. Staining of paraffin section with clone L2B10 (Cat. # HM2049)



Melanoma associated antigen in human skin tissue. Immunofluorescence with clone NKI/beteb (Cat. # HM2130)

Product in bulk quantity?

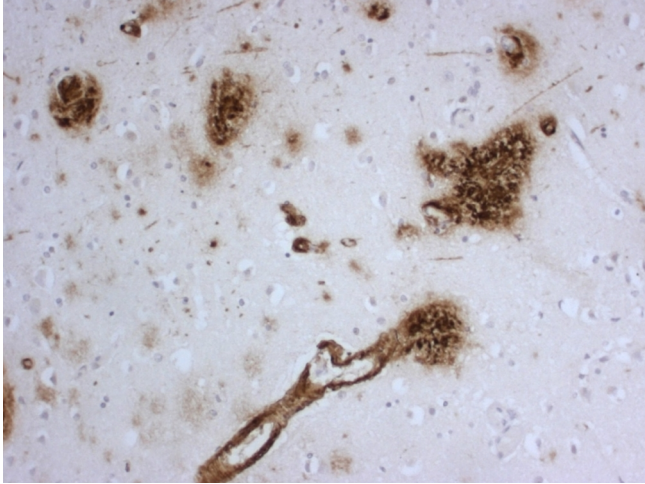
Contact us for a customized quotation!

Want to try different antibodies?

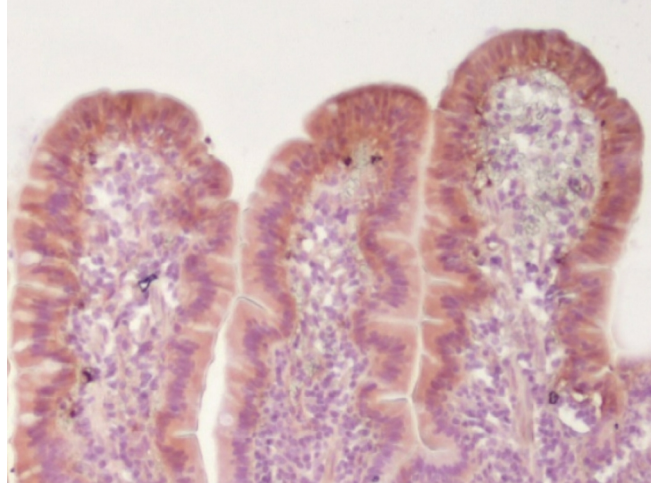
Use the sampler pack (Cat. # HM8999) to find the best antibody for your specific setup!

Proteins and peptides

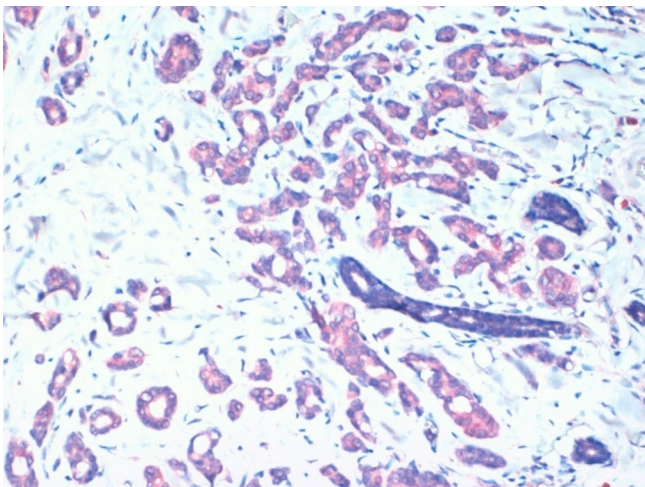
Product name	Species	Quantity	Cat. #
A-FABP, Recombinant	Mouse	50 µg	HC1104
B-FABP, Recombinant	Human	50 µg	HC2106
E-FABP, Recombinant	Mouse	50 µg	HC1105
H-FABP, Recombinant	Human	50 µg	HC2105
L-FABP, Recombinant	Rat	40 µg	HC3102



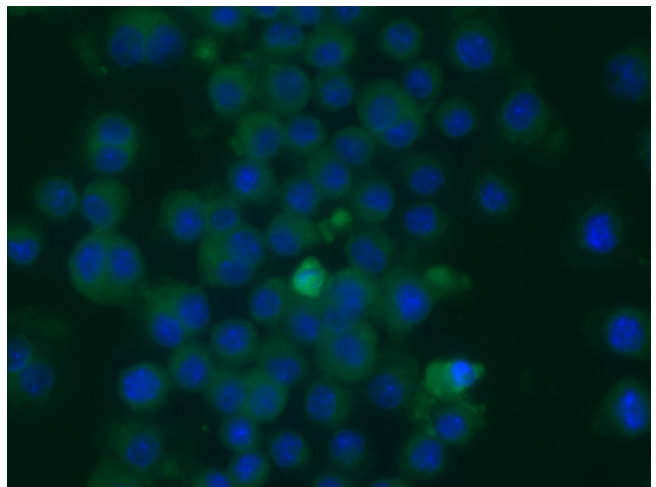
Amyloid-beta in human brain tissue. Staining of paraffin section with clone VU17 (Cat. # HM2325)



I-FABP in human jejunum. Staining of paraffin section with polyclonal antibody (Cat. # HP9020)



CD36 in human breast. Staining of paraffin section with clone FA6-152 (Cat. # HM2122)



CD36 in RAW cells. Immunofluorescence with clone CRF D2712 (Cat. # HM1074)



What we stand for

- Original manufacturer
- > 20 years experience
- Support within one working day
- Innate immunity focus
- Reliable and robust
- Scientific drive

Hycult Biotech, bringing innate immunity to the **next level**



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