CSN2 recombinant antibody

CSN2 Recombinant Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA278977	**HEK293F Cell**	**Human**	**Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA**

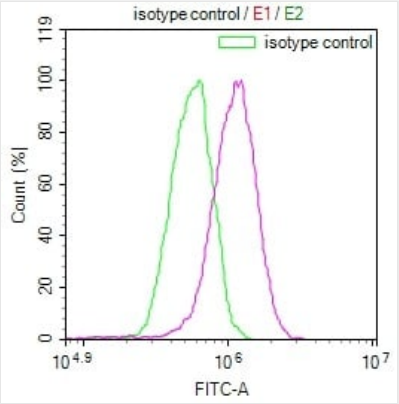
PRODUCT SYNONYMS

CSN2; Monoclonal Recombinant Antibody; CSN2 Recombinant Monoclonal Antibody; Beta-casein; CASB; CSN2 recombinant antibody

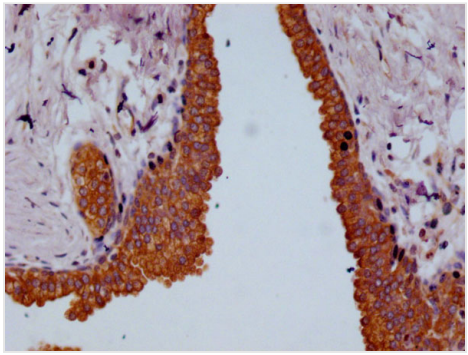
PRODUCT SPECIFICATIONS

Host	HEK293F Cell
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	29D6
Purity/Purification	Affinity purified
Form/Format	Liquid; PBS, 150mM NaCl, 0.02% sodium azide, 50% glycerol, pH 7.4.
Applicable Applications for CSN2 recombinant antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA
Immunogen Species	Human
Immunogen	A synthesized peptide derived from Human CSN2
Conjugation	Non-conjugated
Research Area	Cancer; Metabolism; Signal transduction
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

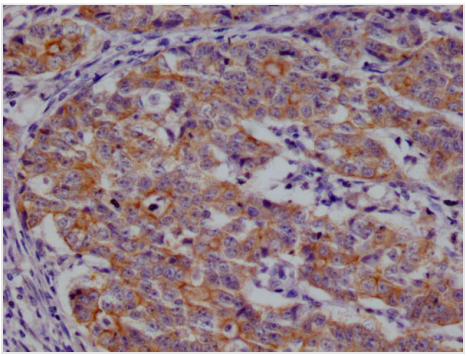
IMAGES



FCM/FACS (Flow Cytometry)
Overlay Peak curve showing HepG2 cells stained with AAA278977 (red line) at 1:100. The cells were incubated in 10% normal goat serum to block non-specific protein-protein interactions followed by the antibody (1ug/1*106cells) for 45min at 4?. The secondary antibody used was FITC-conjugated Goat Anti-rabbit IgG(H+L) at 1:200 dilution for 35min at 4?.Control antibody (green line) was rabbit IgG (1ug/1*106cells) used under the same conditions. Acquisition of >10,000 events was performed.



IHC (Immunohiostchemistry)
IHC image of AAA278977 diluted at 1:100 and staining in paraffin-embedded human prostate cancer performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-rabbit polymer IgG labeled by HRP and visualized using 0.05% DAB.



IHC (Immunohistochemistry)
IHC image of AAA278977 diluted at 1:100 and staining in paraffin-embedded human colon cancer performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-rabbit polymer IgG labeled by HRP and visualized using 0.05% DAB.

ADDITIONAL INFORMATION

Related Product Information for CSN2 recombinant antibody	Important role in determination of the surface properties of the casein micelles.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503087
NCBI GeneID	1447
NCBI Accession #	NP_001882.1
NCBI GenBank Nucleotide #	NM_001891.3
UniProt Accession #	P05814; Q4VAZ9; Q9UCM5
Molecular Weight	25,382 Da
NCBI Official Full Name	beta-casein isoform 1
NCBI Official Synonym Full Names	casein beta

NCBI Official Symbol	CSN2
NCBI Official Synonym Symbols	CASB
NCBI Protein Information	beta-casein
UniProt Protein Name	Beta-casein
UniProt Gene Name	**CSN2**
UniProt Synonym Gene Names	CASB
UniProt Entry Name	CASB_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://www.aaabiotech.com/monoclonal/csn2-recombinant-antibody-clone-29d6-flow-cytometry-immunohistochemistry-elisa/278977