

Anti-CD73 Antibody (Monoclonal, ABM40E2)

Catalog Number: M02120

About NT5E

The specificity of this monoclonal antibody to its intended target was validated by HuProt™ Array, containing more than 19,000, full-length human proteins. This monoclonal antibody recognizes a protein of 83kDa, which is identified as Factor XIIIa. It has been identified in platelets, megakaryocytes, and fibroblast-like mesenchymal or histiocytic cells in the placenta, uterus, and prostate, monocytes and macrophages and dermal dendritic cells. Anti-factor XIIIa has been found to be useful in differentiating between dermatofibroma (almost all cases are positive), dermatofibrosarcoma protuberans (-/+) and desmoplastic malignant melanoma (-). Anti-factor XIIIa positivity is also seen in capillary hemangioblastoma, hemangi endothelioma, hemangiopericytoma, xanthogranuloma, xanthoma, hepatocellular carcinoma, glomus tumor, and meningioma.

Overview

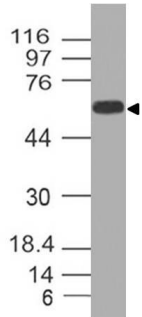
Product Name	Anti-CD73 Antibody (Monoclonal, ABM40E2)
Reactive Species	Human
Description	Boster Bio Anti-CD73 Antibody (Monoclonal, ABM40E2) (Catalog# M02120). Tested in IHC, FACS, WB application(s). This antibody reacts with Human.
Conjugate	Biotin
Application	IHC, WB, FACS
Clonality	Monoclonal ABM40E2
Formulation	100 µg in 200 µl PBS containing 0.05% stabilizing protein and 0.05% sodium azide This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.
Host	Mouse
Uniprot ID	P21589

Technical Details

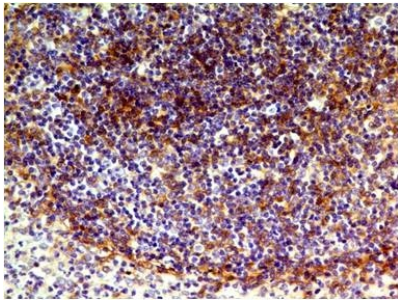
Immunogen	A partial length recombinant CD73 protein (amino acids 145-346)
Predicted Reactive Species	Pig, Rabbit
Cross Reactivity	Does not cross-react with primate, avian or amphibian GR.

Isotype	IgG2a Kappa
Form	Liquid
Concentration	0.5-1mg/ml, actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.
Purification	Protein G Chromatography
Suggested Dilutions	Western blot: 2-4 µg/ml IHC: 5 µg/ml, FACS: 0.2-0.5 µg/10 ⁶ cells

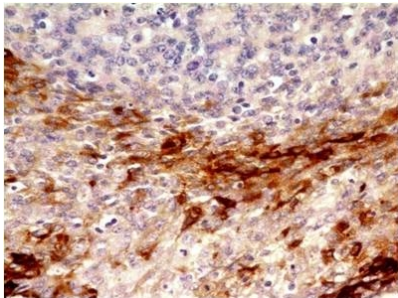
Anti-CD73 Antibody (Monoclonal, ABM40E2) (M02120) Images



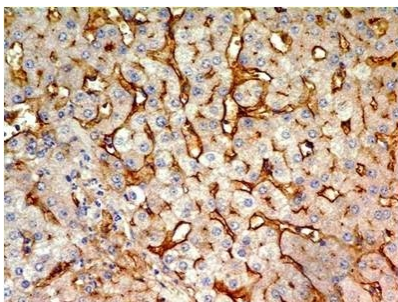
Western blot analysis of CD73. Anti-CD73 antibody (Clone: ABM40E2) was tested at 2 $\mu\text{g/ml}$ on human liver lysate.



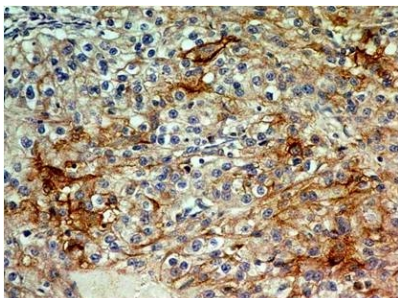
Immunohistochemical analysis of CD73 in human Spleen using CD73 antibody (Clone: ABM40E2) at 5 $\mu\text{g/ml}$.



Immunohistochemical analysis of CD73 in endometrium carcinoma using CD73 antibody (Clone: ABM40E2) at 5 $\mu\text{g/ml}$.



Immunohistochemical analysis of CD73 in human Liver using CD73 antibody (Clone: ABM40E2) at 5 $\mu\text{g/ml}$.



Immunohistochemical analysis of CD73 in renal cell carcinoma using CD73 antibody (Clone: ABM40E2) at 5 $\mu\text{g/ml}$.

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Anti-CD73 Antibody (Monoclonal, ABM40E2)

For Research Use Only. Not for use in diagnostic procedures.