

## 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, hemangioendothelioma, hemangiopericytoma, xanthogranuloma, xanthoma, hepatocellular carcinoma, glomus tumor, and meningioma.

### Overview

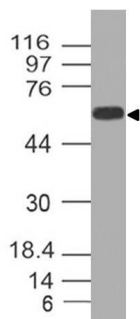
|                      |   |
|----------------------|---|
| Product Name         | Anti-CD73 Antibody (Monoclonal, ABM40E2)  |
| Reactive Species     | Human   |
| Description          | Boster Bio Anti-CD73 Antibody (Monoclonal, ABM40E2) (Catalog# M02120). Tested in IHC, FACS, WB application(s). This antibody reacts with Human. |
| Conjugate            | Biotin  |
| Application          | IHC, WB, FACS   |
| Clonality            | Monoclonal ABM40E2  |
| Formulation          | 100 ug in 200 ul PBS containing 0.05% BSA and 0.05% sodium azide.   |
| 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

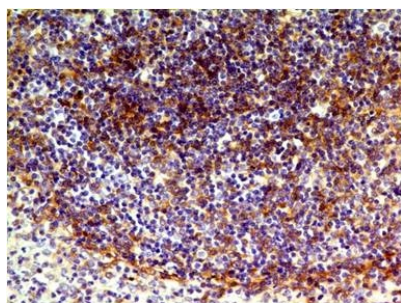
|                            |   |
|----------------------------|---|
| Immunogen                  | A partial length recombinant CD73 protein (amino acids 145-346) |
| Predicted Reactive Species | Pig, Rabbit   |
| Cross Reactivity           | Does not cross-react with primate, avian or amphibian GR.       |
| 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 | <p>Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.</p> <p>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.</p> <p>Some PubMed article(s) citing the expression level of this target are as follows:</p> <p>Boster Bio's internal QC testing used:</p> <p>Western blot: 2-4 µg/ml</p> <p>IHC: 5 µg/ml, FACS: 0.2-0.5 µg/10<sup>6</sup> cells</p> |

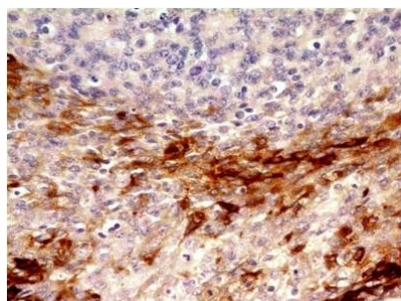
## Anti-CD73 Antibody (Monoclonal, ABM40E2) (M02120) Images



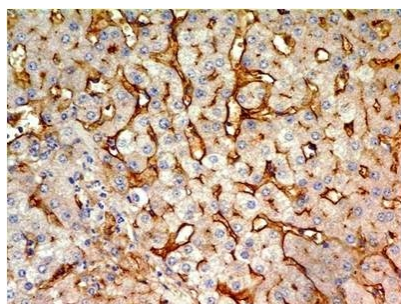
Western blot analysis of CD73. Anti-CD73 antibody (Clone: ABM40E2) was tested at 2  $\mu$ g/ml on human liver lysate.



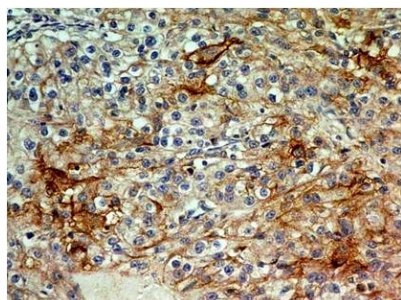
Immunohistochemical analysis of CD73 in human Spleen using CD73 antibody (Clone: ABM40E2) at 5  $\mu$ g/ml.



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



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



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

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