

# Mouse Anti-Human CD276 (B7-H3), Biotin Conjugated mAb

Catalog No: #CM044

Package Size: #CM044-1 25ug #CM044-2 100ug

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## Description

Product Name	Mouse Anti-Human CD276 (B7-H3), Biotin Conjugated mAb
Host Species	Mouse
Clonality	Monoclonal
Clone No.	2E6
Isotype	Mouse IgG1, $\kappa$
Applications	FC/ELISA
Species Reactivity	Hu
Specificity	This antibody recognizes human B7-H3 in FACS.
Immunogen Description	L929/B7-H3 transfected cells
Other Names	CD276, 4Ig-B7-H3, B7-H3, B7H3, B7RP-2, CD276 molecu
Formulation	Lyophilized from a 0.2 $\mu$ m filtered solution in phosphate buffered saline (PBS) and reconstitute with sterile PBS
Storage	Store protected from light at 2-8°C. Do not freeze. The expiration date is indicated on the vial label.

## Application Details

Preparation: This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from a mouse immunized with L929/B7-H3 transfected cells). The monoclonal antibody was purified from tissue culture supernatant or ascites by protein G affinity chromatography.

Product Notices: This reagent has been pre-diluted for use at the recommended Volume per Test.

We typically use 1  $10^6$  cells in a 100- $\mu$ l experimental sample (per test).

An isotype control should be used at the same concentration as the antibody of interest.

## Product Description

B7-H3 is a member of the B7 family of immune regulatory ligands that is thought to attenuate peripheral immune responses through co-inhibition. It plays an important role in adaptive immune responses, and was shown to either promote or inhibit T-cell responses in various experimental systems. B7-H3 may play an important role in muscle-immune interactions, providing further evidence of the active role of muscle cells in local immunoregulatory processes. B7-H3 is a novel protein structurally related to the B7 family of ligands by the presence of a single set of immunoglobulin-V-like and immunoglobulin-C-like (VC) domains. Recently, B7-H3 expression has been reported in several human cancers indicating an additional function of B7-H3 as a regulator of antitumor immunity.

Note: This product is for in vitro research use only