

Anti-EphA3 EPHA4 Monoclonal Antibody

Catalog Number: M01860

About EPHA4

Indoleamine 2, 3-dioxygenase1 (IDO1) is a 41-42 kD intracellular enzyme that catabolizes tryptophan into kynurenine. IDO1 modulates levels of the amino acid tryptophan, which is vital for cell growth, but is also involved in the suppression of the immune response. IDO1 effects on immune suppression are due to decreased tryptophan availability and the generation of tryptophan metabolites, resulting in negative effects on T lymphocytes, including proliferation, function and survival. IDO1 may be involved in the suppression of the immune response to tumors, and blocking the IDO1 pathway may be a potential target for immuno and cancer therapy. IDO1 is expressed in a wide variety of tissues and can be upregulated by interferon gamma and other inflammatory cytokines.

Overview

Product Name	Anti-EphA3 EPHA4 Monoclonal Antibody
Reactive Species	Human
Description	Boster Bio Anti-EphA3 EPHA4 Monoclonal Antibody catalog # M01860. Tested in ELISA, WB applications. This antibody reacts with Human.
Application	ELISA, WB
Clonality	Monoclonal 6C1B6
Formulation	Ascitic fluid containing 0.03% sodium azide.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Mouse
Uniprot ID	P54764

Technical Details

Immunogen	Purified recombinant fragment of EphA3 (aa751-983) expressed in E. Coli.
Predicted Reactive Species	Chimpanzee
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml
Purification	Affinity purification
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this

kit.

If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.

Some PubMed article(s) citing the expression level of this target are as follows:

Boster Bio's internal QC testing used:

WB 1:500-1:2000

ELISA 1:10000

Anti-EphA3 EPHA4 Monoclonal Antibody (M01860) Images

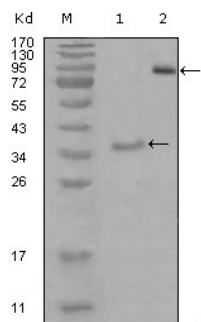


Figure 1. Western blotting validation for Anti-EphA3 EPHA4 Monoclonal Antibody M01860

Western Blot (WB) analysis using EphA3 Monoclonal Antibody against truncated Trx-EphA3 recombinant protein (1) and truncated EphA3(aa566-983)-hlgGfc transfected CHO-K1 cell lysate(2).

Electrophoresis was performed on a SDS-PAGE gel. To determine SDS-PAGE gel concentration

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