9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

43-1100: Monoclonal Antibody to Mouse IL-13 NALE™ Purified (Clone: 1316H)

Clonality :	Monoclonal
Clone Name :	1316H
Reactivity :	Mouse
Gene :	Il13
Gene ID :	16163
Uniprot ID :	P20109
Alternative Name :	Il-13, T-cell activation protein P600
Isotype :	Rat IgG1, kappa

Description

The 1316H monoclonal antibody binds to mouse IL-13. IL-13 is an immunoregulatory cytokine produced primarily by activated Th2 cells, and also by mast cells and NK cells. Targeted deletion of IL-13 in mice resulted in impaired Th2 cell development and indicated an important role for IL-13 in the expulsion of gastrointestinal parasites. IL-13 exerts anti-inflammatory effects on monocytes and macrophages and it inhibits the expression of inflammatory cytokines such as IL-1 Beta, TNF-Alpha, IL-6 and IL-8. IL-13 has also been shown to enhance B cell proliferation and to induce isotype switching, resulting in increased production of IgE. Blocking of IL-13 activity inhibits the pathophysiology of asthma. The 1316H antibody is reported to be a neutralizing antibody.

Product Info

Amount :	500 µg
Content :	1mg/ml in Phosphate-buffered aqueous solution, ph7.2.
Storage condition :	The product should be stored undiluted at 4°C. Do not freeze. The monoclonal antibody was purified utilizing affinity chromatography. The endotoxin level is determined by LAL test to be less than 0.01 EU/µg of the protein.

Application Note

The antibody has been analyzed for quality through the flow cytometric analysis of the relevant cell type. It is recommended that the reagent be titrated for optimal performance for each application.

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