

10-3026-NALE: NALE™ Monoclonal Antibody to TLR2 (Clone: ABM3A87)

Clonality :	Monoclonal
Clone Name :	ABM3A87
Application :	IHC,FACS,WB
Reactivity :	Mouse,Human
Gene :	TLR2
Gene ID :	7097
Uniprot ID :	O60603
Format :	Azide Free, Purified
Alternative Name :	TLR2,TIL4
Isotype :	Mouse IgG1 Kappa
Immunogen Information	A partial length recombinant TLR2 protein (amino acids 180-420) was used as the immunogen for this antibody.

Description

TLR2 (Toll-Like Receptors 2) is a member of the TLR (Toll-like receptor) family that plays a fundamental role in pathogen recognition and activation of innate immunity. TLR2 forms heterodimers with TLR1 and TLR6, which is the initial step in a cascade of events leading to significant innate immune responses, development of adaptive immunity to pathogens and protection from immune sequelae related to infection with these pathogens. TLR2 also interacts with a large number of non-TLR molecules, allowing for recognition of a great number and variety of PAMPs (pathogen-associated molecular patterns). TLR2 expression has been detected in immune cells, endothelial, and epithelial cells.

Product Info	
Amount : Purification : Content : Storage condition :	100 μg Protein G Chromatography 25 μg in 50 μl/100 μg in 200 μl PBS containing no Azide and low endotoxin (0.1 EU/1ug). Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

Western blot analysis: 2-4 µg/ml, FACS analysis: 0.5 µg/10^6 cells, Immunohistochemical analysis: 5 µg/ml

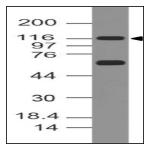
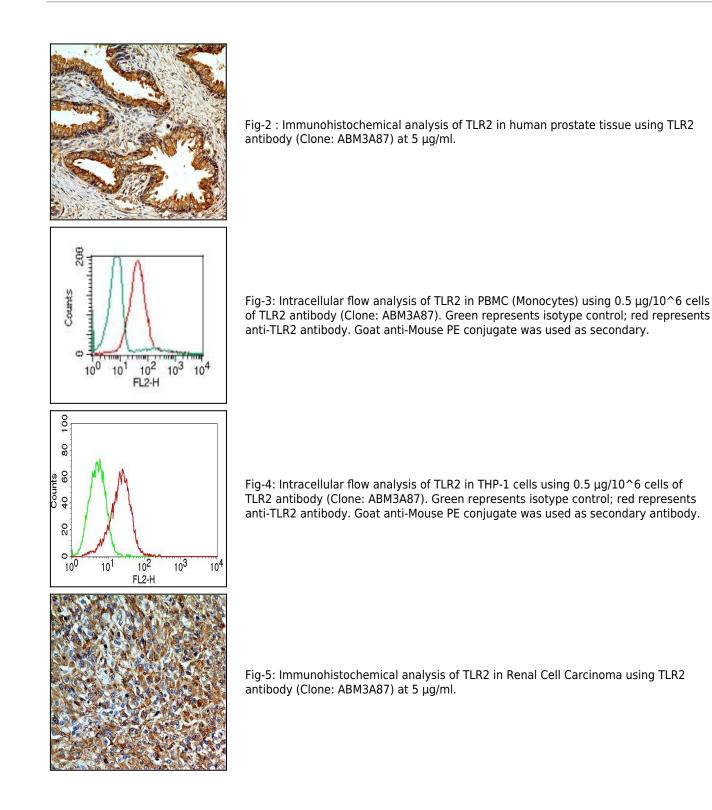


Fig-1: Western blot analysis of TLR2. Anti- TLR2 antibody (Clone: ABM3A87) was used at 2 μ g/ml on mouse embryonic liver lysate.

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

w abeomics

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



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

∗ abeomics

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

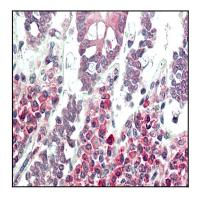


Fig-6: Immunohistochemical analysis of TLR2 in human Colon tissue using TLR2 antibody (Clone: ABM3A87) at 10 $\mu\text{g/ml}.$