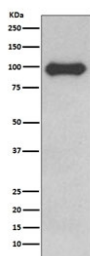


## CD19 Antibody [clone AOFO-3] (RQ5485)

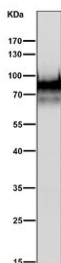
Catalog No.	Formulation	Size
RQ5485	Antibody in PBS with 0.02% sodium azide, 50% glycerol and 0.4-0.5mg/ml BSA	100 ul

[Bulk quote request](#)

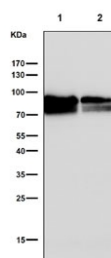
Availability	1-2 weeks
Species Reactivity	Human, Mouse, Rat
Format	Purified
Clonality	Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	AOFO-3
Purity	Affinity purified
UniProt	P15391
Localization	Cell surface, cytoplasmic
Applications	Western Blot : 1:500-1:2000 Immunohistochemistry (FFPE) : 1:50-1:200
Limitations	This CD19 antibody is available for research use only.



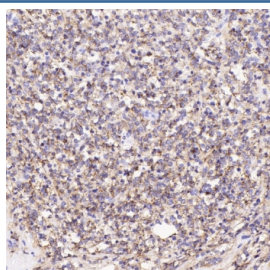
Western blot testing of human Ramos cell lysate with CD19 antibody. Expected molecular weight: 60-100 kDa depending on glycosylation level.



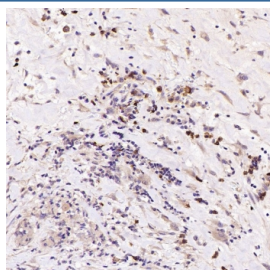
Western blot testing of human Ramos cell lysate with CD19 antibody. Expected molecular weight: 60-100 kDa depending on glycosylation level.



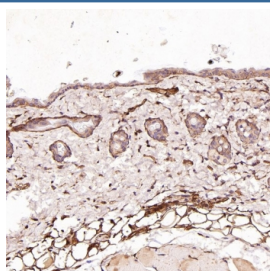
Western blot testing of human 1) Raji and 2) Daudi cell lysate with CD19 antibody. Expected molecular weight: 60-100 kDa depending on glycosylation level.



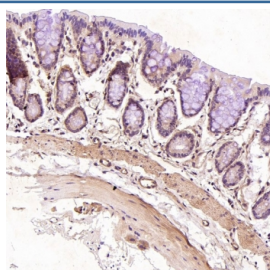
IHC staining of FFPE human Hodgkin's lymphoma tissue with CD19 antibody. HIER: boil tissue sections in pH6 citrate buffer for 20 min and allow to cool before testing.



IHC staining of FFPE human esophageal carcinoma tissue with CD19 antibody. HIER: boil tissue sections in pH6 citrate buffer for 20 min and allow to cool before testing.



IHC staining of FFPE mouse skin tissue with CD19 antibody. HIER: boil tissue sections in pH6 citrate buffer for 20 min and allow to cool before testing.



IHC staining of FFPE rat stomach tissue with CD19 antibody. HIER: boil tissue sections in pH6 citrate buffer for 20 min and allow to cool before testing.

## Description

Lymphocytes proliferate and differentiate in response to various concentrations of different antigens. The ability of the B cell to respond in a specific, yet sensitive manner to the various antigens is achieved with the use of low-affinity antigen receptors. The CD19 gene encodes a cell surface molecule which assembles with the antigen receptor of B lymphocytes in order to decrease the threshold for antigen receptor-dependent stimulation. [RefSeq]

## Application Notes

Optimal dilution of the CD19 antibody should be determined by the researcher.

## **Immunogen**

A synthetic peptide specific to human CD19 was used as the immunogen for the CD19 antibody.

## **Storage**

Store the CD19 antibody at -20oC.