

**CD16**  
**Mouse Monoclonal antibody(Mab)**  
**Catalog # AD80281**

## Specification

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### CD16 - Product info

Application	IHC-P, IHC
Primary Accession	<a href="#">P08637</a>
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	29089

### CD16 - Additional info

Gene ID	2214
Gene Name	FCGR3A

#### Other Names

Low affinity immunoglobulin gamma Fc region receptor III-A, IgG Fc receptor III-A, CD16-II, CD16a antigen, Fc-gamma RIII-alpha, Fc-gamma RIII, Fc-gamma RIIIa, FcRIII, FcRIIIa, FcgammaRIIIA, FcR-10, IgG Fc receptor III-2, CD16a, FCGR3A {ECO:0000303|PubMed:23006327}

#### Dilution

IHC-P~~Ready-to-use  
IHC~~Ready-to-use

Storage	<b>This product is stored at 2-8 °C, please use it within the expiration date.</b>
Precautions	<b>CD16 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.</b>

### CD16 - Protein Information

**Name** FCGR3A {ECO:0000303|PubMed:23006327}

Synonyms	<b>CD16A, FCG3, FCGR3, IGFR3</b>
Function	<b>Receptor for the Fc region of IgG. Binds complexed or aggregated IgG and also monomeric IgG. Mediates antibody-dependent cellular cytotoxicity (ADCC) and other antibody-dependent responses, such as phagocytosis.</b>
Cellular Location	<b>Cell membrane; Single-pass type I membrane protein. Secreted. Note=Exists also as a soluble receptor</b>
Tissue Location	<b>Expressed on natural killer cells, macrophages, subpopulation of T-cells, immature thymocytes and placental</b>

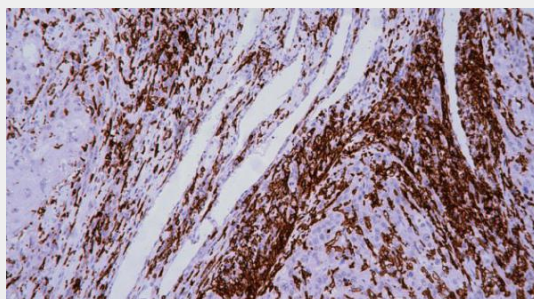
## trophoblasts

### CD16 - Protocols

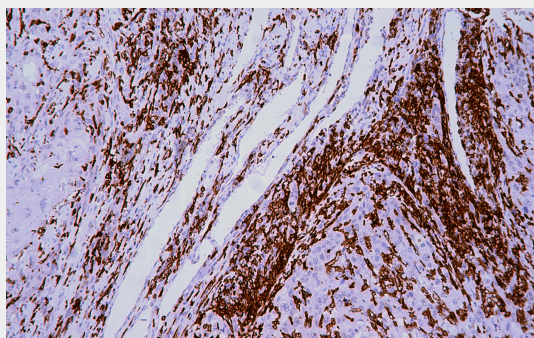
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### CD16 - Images



Esophageal squamous cell carcinoma



Immunohistochemical analysis of paraffin-embedded esophageal squamous cell carcinomas tissue using AD80281 performed on the Abcarta® FAIP-30 Fully automated IHC platform. Tissue was fixed with formaldehyde at room temperature, antigen retrieval was by heat mediation with a EDTA buffer (pH9.0). Samples were incubated with primary antibody (Ready-to-use) for 15 min at room temperature. AmpSee™ Detection Systems [Abcepta:AR005] was used as the secondary antibody.