

## ARG45376 anti-SIGIRR antibody [10D5]

Package: 50 µg  
Store at: -20°C

### Summary

Product Description	Mouse Monoclonal antibody [10D5] recognizes SIGIRR
Tested Reactivity	Hu
Tested Application	IHC-P
Host	Mouse
Clonality	Monoclonal
Clone	10D5
Isotype	IgG2
Target Name	SIGIRR
Species	Human
Immunogen	Recombinant protein corresponding to extracellular domain of human SIGIRR.
Conjugation	Un-conjugated
Alternate Names	SIGIRR; Single Ig And TIR Domain Containing; TIR8; Toll/Interleukin-1 Receptor 8; IL-1R8; Single Immunoglobulin And Toll-Interleukin 1 Receptor (TIR) Domain; Single Immunoglobulin Domain-Containing IL1R-Related Protein; Single Immunoglobulin Domain IL1R1 Related; Single Ig IL-1R-Related Molecule; Single Ig IL-1-Related Receptor

### Application Instructions

Application table	Application	Dilution
	IHC-P	Assay-dependent
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

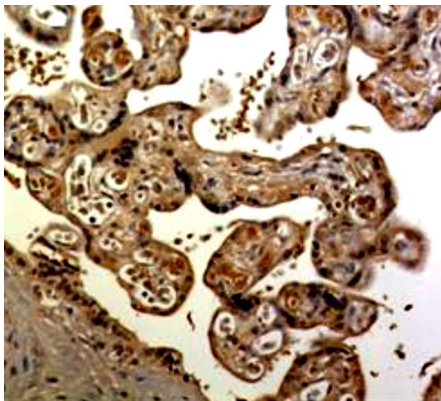
### Properties

Form	Powder
Purification	Protein G chromatography
Buffer	PBS
Reconstitution	PBS
Concentration	0.2 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	SIGIRR
Gene Full Name	Single Ig And TIR Domain Containing
Background	Involved in negative regulation of Toll signaling pathway. Located in membrane. [provided by Alliance of Genome Resources, Nov 2024]
Function	Acts as a negative regulator of the Toll-like and IL-1R receptor signaling pathways. Attenuates the recruitment of receptor-proximal signaling components to the TLR4 receptor, probably through an TIR-TIR domain interaction with TLR4. Through its extracellular domain interferes with the heterodimerization of IL1R1 and IL1RAP.
Calculated Mw	46 kDa
PTM	Disulfide bond; Glycoprotein; Phosphoprotein. [UniProt]
Cellular Localization	Membrane. [UniProt]

Images



ARG45376 anti-SIGIRR antibody [10D5] IHC-P image

Immunohistochemistry: Human placenta stained with ARG45376 anti-SIGIRR antibody [10D5].