Datasheet for ABIN615853

# anti-FPR1 antibody

3 Images

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## Overview

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|---|---|
| Quantity: | 50 µg |
| Target: | FPR1 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This FPR1 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA) |

## Product Details

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|---|---|
| Immunogen: | Synthetic peptide - KLH conjugated, Synthetic peptide Genename: FPR1 |
| Isotype: | IgG |
| Specificity: | FPR1 Antibody detects endogenous levels of total FPR1 protein. |
| Purification: | Immunoaffinity Chromatography |

## Target Details

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|---|---|
| Target: | FPR1 |
| Alternative Name: | fMLP Receptor (FPR1 Products) |
| Background: | Formyl peptide receptor 1, a Chemoattractant Receptor, mediates chemotaxis, degranulation, and superoxide production, as part of the inflammatory response. Bacterial N-formylmethionyl peptides and Annexin A1, specific ligands for FPR1, attract polymorphonuclear neutrophils to |

## Target Details

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|---|---|
| | sites of infection. FPR receptors promote the phosphorylation and downregulation of CCR5, which has been shown to inhibit HIV infection. Therefore, ligands for an FPR receptor may be able to inhibit HIV infection.Synonyms: FPR1, N-formyl peptide receptor, N-formylpeptide chemoattractant receptor, fMet-Leu-Phe receptor |
| Gene ID: | 2357 |
| NCBI Accession: | NP_001180235 |
| UniProt: | P21462 |

## Application Details

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|---|---|
| Application Notes: | Optimal working dilution should be determined by the investigator. |
| Restrictions: | For Research Use only |

## Handling

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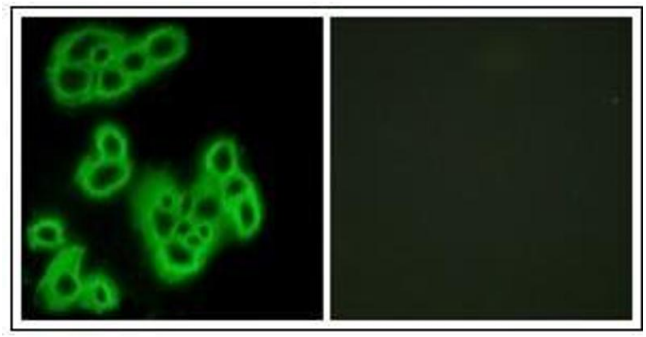
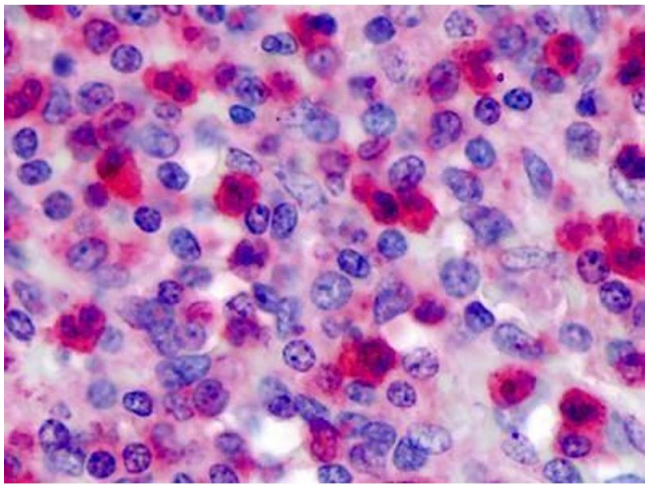
|---|---|
| Concentration: | 1,0 mg/mL |
| Buffer: | PBS (without Mg2+, Ca2+), pH 7.4 containing 150 mM sodium chloride, 0.02 % sodium azide as preservative and 50 % glycerol as stabilizer |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Handling Advice: | Avoid repeated freezing and thawing. |
| Storage: | -20 °C |



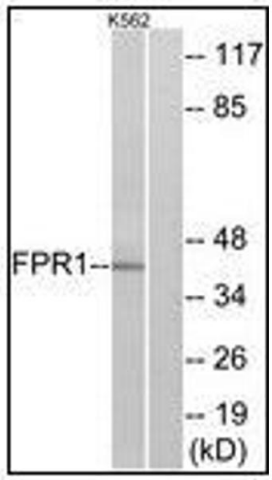
## Immunofluorescence

**Image 1.** Immunofluorescence analysis of MCF7 cells, using FPR1 Antibody. The picture on the right is treated with the synthesized peptide.



## Immunohistochemistry (Paraffin-embedded Sections)

**Image 2.** Human Spleen: Formalin-Fixed, Paraffin-Embedded (FFPE)




## Western Blotting

**Image 3.** Western blot analysis of extracts from K562 cells, using FPR1 Antibody. The lane on the right is treated with the synthesized peptide.