

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten! See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

linkedin.com/company/szaboscandic in





Instructions For Use

RA0436-C-IFU-RUO

Rev. Date: Aug 14th, 2017

Revision: 1

Page 1 of 2

P.O. Box 3286 - Logan, Utah 84323, U.S.A. - Tel. (800) 729-8350 - Tel. (435) 755-9848 - Fax (435) 755-0015 - www.scytek.com

Erythropoietin (EPO); Clone EPO/1367 (Concentrate)

Availability/Contents: <u>Item #</u> <u>Volume</u>

RA0436-C.1 0.1 ml RA0436-C.5 0.5 ml RA0436-C1 1 ml

Description:

Species: Mouse

Immunogen: Recombinant fragment of human EPO protein (aa28-162) (exact sequence is proprietary).

Clone: EPO/1367
Isotype: IgG
Entrez Gene ID: 2056
Hu Chromosome Loc.: 7g22

Synonyms: EP; EPO alpha; EPO; Epoetin; Erythropoietin; MVCD2

Mol. Weight of Antigen: 37kDa

Format: 200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS

with 0.05% BSA & amp; 0.05% azide.

Specificity: Recognizes a protein of about 37kDa, which is identified as Erythropoietin (EPO).

Background: Erythropoietin is a secreted, glycosylated cytokine hormone composed of four alpha helical

bundles. It is the primary factor responsible for regulating erythropoiesis during steady-state conditions and in response to blood loss and hemorrhage in the adult organism. Erythropoietin is synthesized by the kidney and stimulates the proliferation and maturation of bone marrow erythroid precursor cells. The protein is found in the plasma and regulates red cell production

by promoting erythroid differentiation and initiating hemoglobin synthesis.

Species Reactivity: Reacts with human. Others not known.

Positive Control: HepG2 Cells. Heart or Kidney. Cellular Localization: Cytoplasmic and Cell Surface.

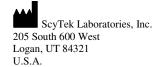
Titer/ Working Dilution: Immunohistochemistry (Formalin-Fixed): 4-8 μg/ml

Flow Cytometry: 0.5-1 µg/million cells

Immunofluorescence: 1-2 μg/ml

Microbiological State: This product is not sterile.

Storage: 2° C 8° C





Instructions For Use RA0436-C-IFU-RUO

Rev. Date: Aug 14th, 2017

Revision: 1

Page 2 of 2

P.O. Box 3286 - Logan, Utah 84323, U.S.A. - Tel. (800) 729-8350 - Tel. (435) 755-9848 - Fax (435) 755-0015 - www.scytek.com

Uses/Limitations: Not to be taken internally.

For Research Use Only.

This product is intended for qualitative immunohistochemistry with normal and neoplastic formalin-fixed, paraffin-embedded

tissue sections, to be viewed by light

microscopy.

Do not use if reagent becomes cloudy. Do not use past expiration date.

Non-Sterile.

Ordering Information and Current Pricing at www.scytek.com

Procedure:

- 1. **Tissue Section Pretreatment (Required):** Staining of formalin fixed, paraffin embedded tissue sections is significantly enhanced by pretreatment with Citrate Plus (ScyTek catalog# CPL500).
- 2. **Primary Antibody Incubation Time:** We suggest an incubation period of 30 minutes at room temperature. However, depending upon the fixation conditions and the staining system employed, optimal incubation should be determined by the user.
- 3. **Visualization:** For maximum staining intensity we recommend the "CRF Anti-Polyvalent HRP Polymer (DAB) Lab Pack" (ScyTek catalog# CPP125, see IFU for instructions).

Precautions:

Contains Sodium Azide as a preservative (0.09% w/v).

Do not pipette by mouth.

Avoid contact of reagents and specimens with skin and mucous membranes.

Avoid microbial contamination of reagents or increased nonspecific staining may occur.

This product contains no hazardous material at a reportable concentration according to U.S. 29 CFR 1910.1200,

OSHA Hazardous Communication Standard and EC Directive 91/155/EC.

References:

1. Jelkmann, W. 1992. Erythropoietin: structure, control of production, and function. Physiol. Rev. 72: 449-489.

Warranty:

No products or "Instructions For Use (IFU)" are to be construed as a recommendation for use in violation of any patents. We make no representations, warranties or assurances as to the accuracy or completeness of information provided on our IFU or website. Our warranty is limited to the actual price paid for the product. ScyTek Laboratories, Inc. is not liable for any property damage, personal injury, time or effort or economic loss caused by our products. Immunohistochemistry is a complex technique involving both histological and immunological detection methods. Tissue processing and handling prior to immunostaining can cause inconsistent results. Variations in fixation and embedding or the inherent nature of the tissue specimen may cause variations in results. Endogenous peroxidase activity or pseudoperoxidase activity in erythrocytes and endogenous biotin may cause non-specific staining depending on detection system used.

Storage: 2° C 8° C

ScyTek Laboratories, Inc. 205 South 600 West Logan, UT 84321 U.S.A. ϵ

Emergo Europe
Prinsessegracht 20
2514 AP The Hague, The Netherlands